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AS AD NO. 464724

FDL-TDR-64-140  
VOLUME IV

## WING BOX FUEL CONTAINMENT

VOLUME IV, BOOK C  
TEST RESULTS AND EVALUATION

TECHNICAL DOCUMENTARY REPORT NO. FDL-TDR-64-140, VOL. IV

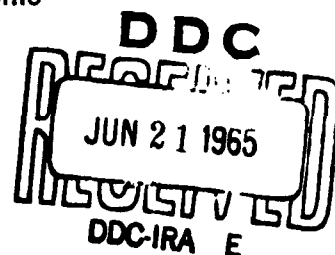
NOVEMBER 1964

Supersonic Transport Research Program  
Sponsored by the  
Federal Aviation Agency

Jointly Directed by: RTD, FAA and NASA

Air Force Flight Dynamics Laboratory  
Research and Technology Division  
Air Force Systems Command  
Wright-Patterson Air Force Base, Ohio

PROJECT NO. 648D



Prepared under Contract No. AF33(657)-11460 by the  
Lockheed-California Company, Burbank, California

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TEST No. 20

Jack Location W.S. 189 ; F.S. 60

Jack Load, lb 0 - 35,300

Percent of Limit 0 - 100

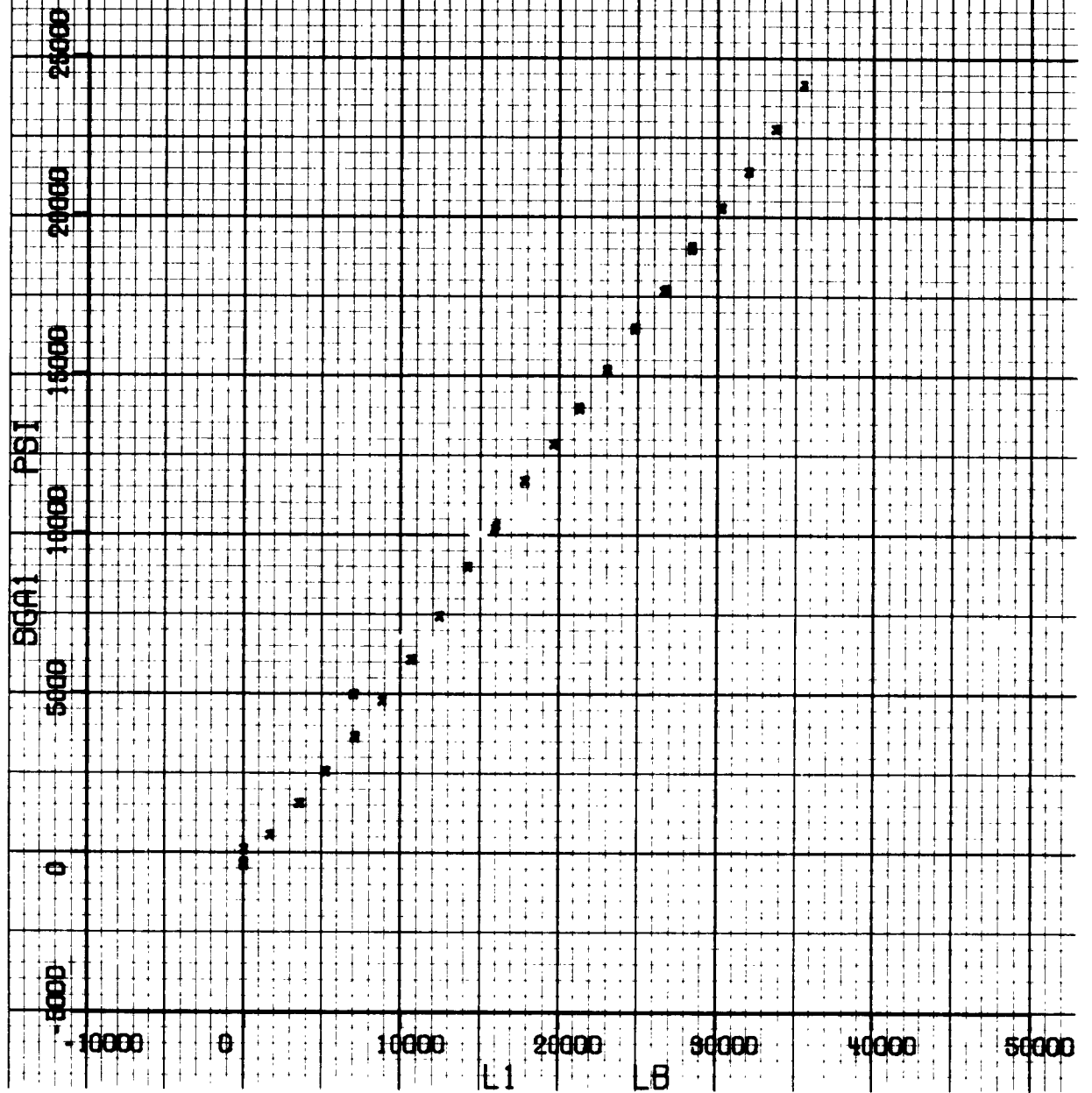
Fuel Condition Tanks EMPTY

Tank Pressure, psi 0

Maximum Surface Temperature, °F ROOM TEMPERATURE

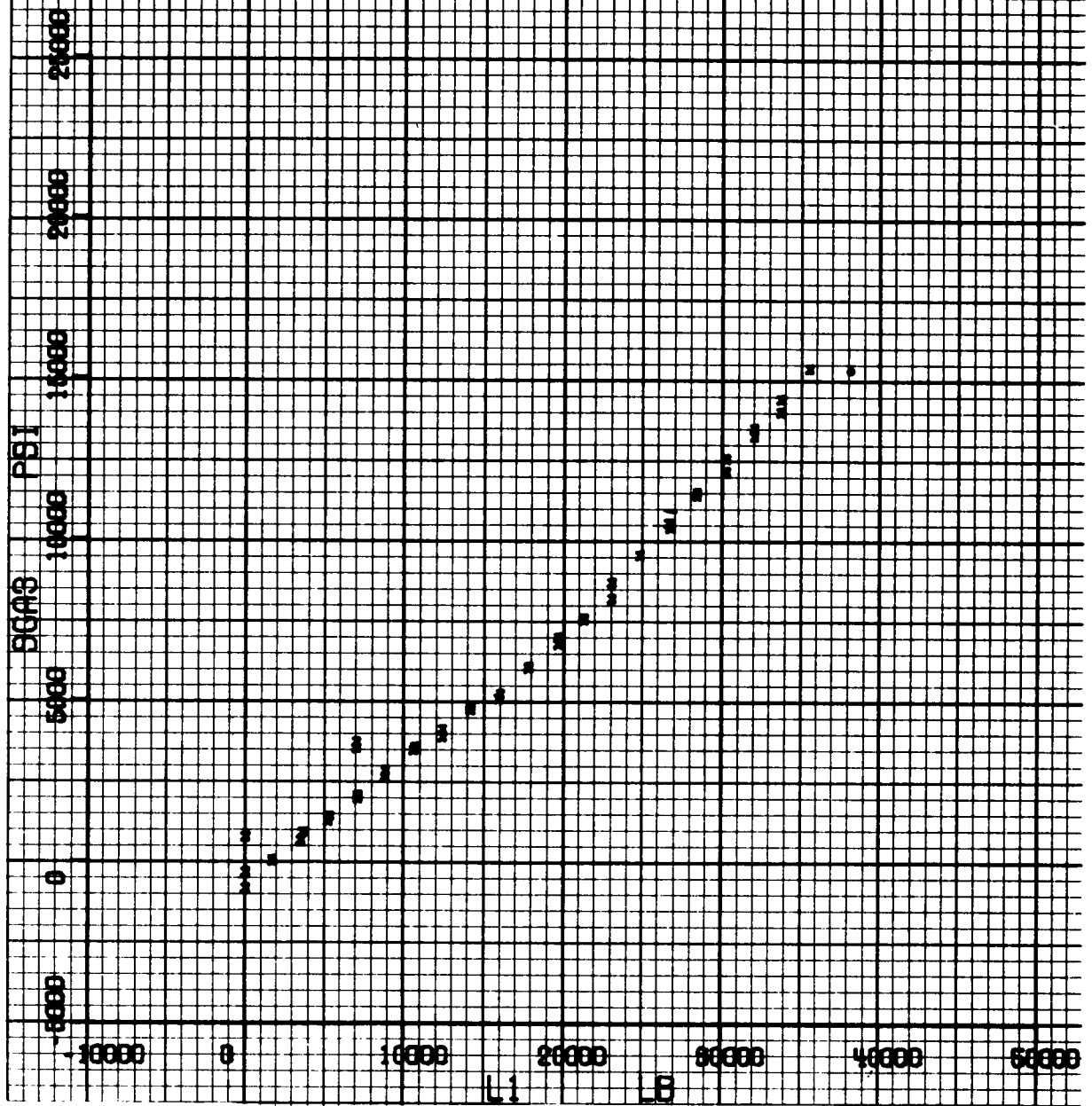
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TEST 020 9/9



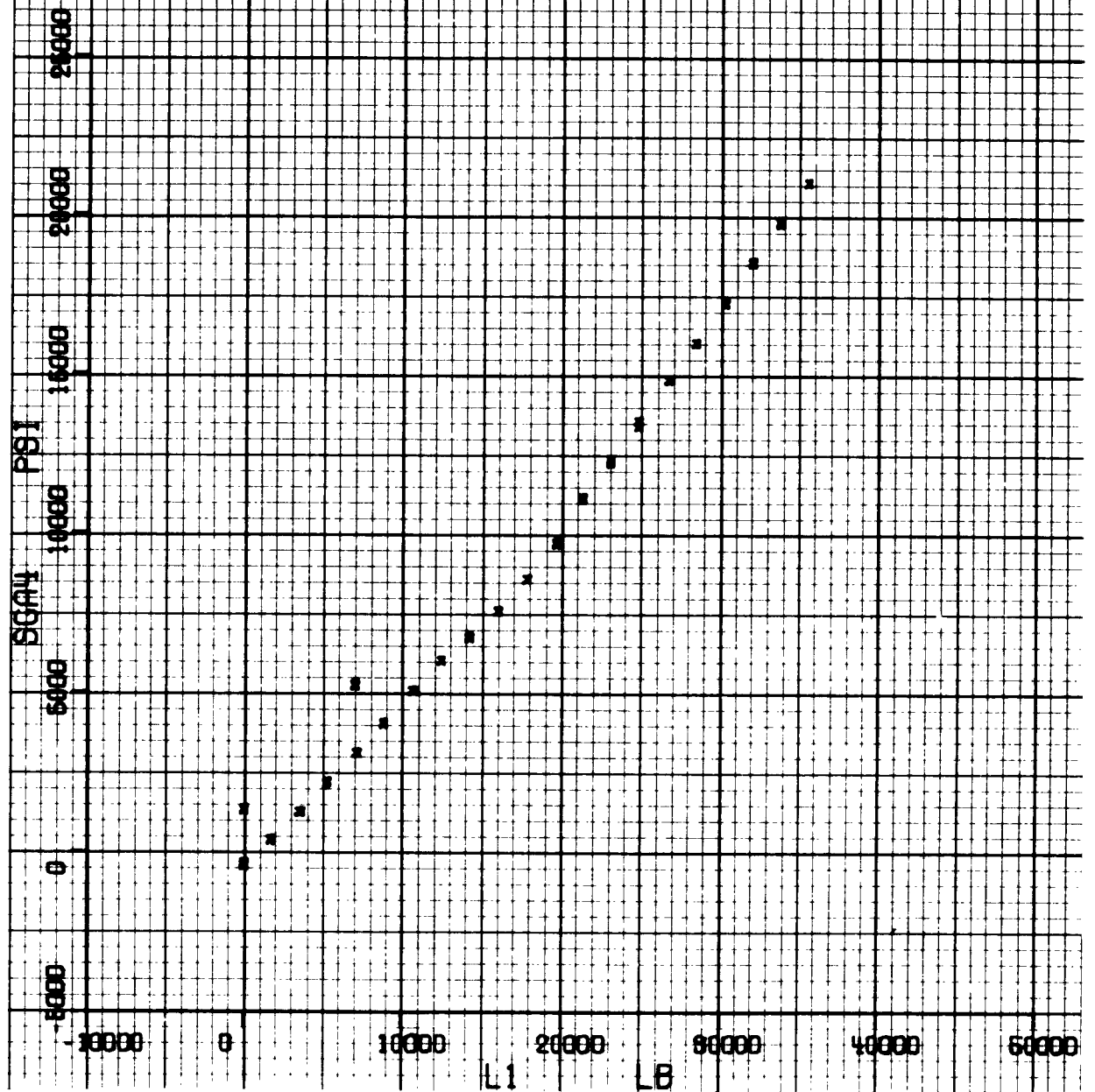
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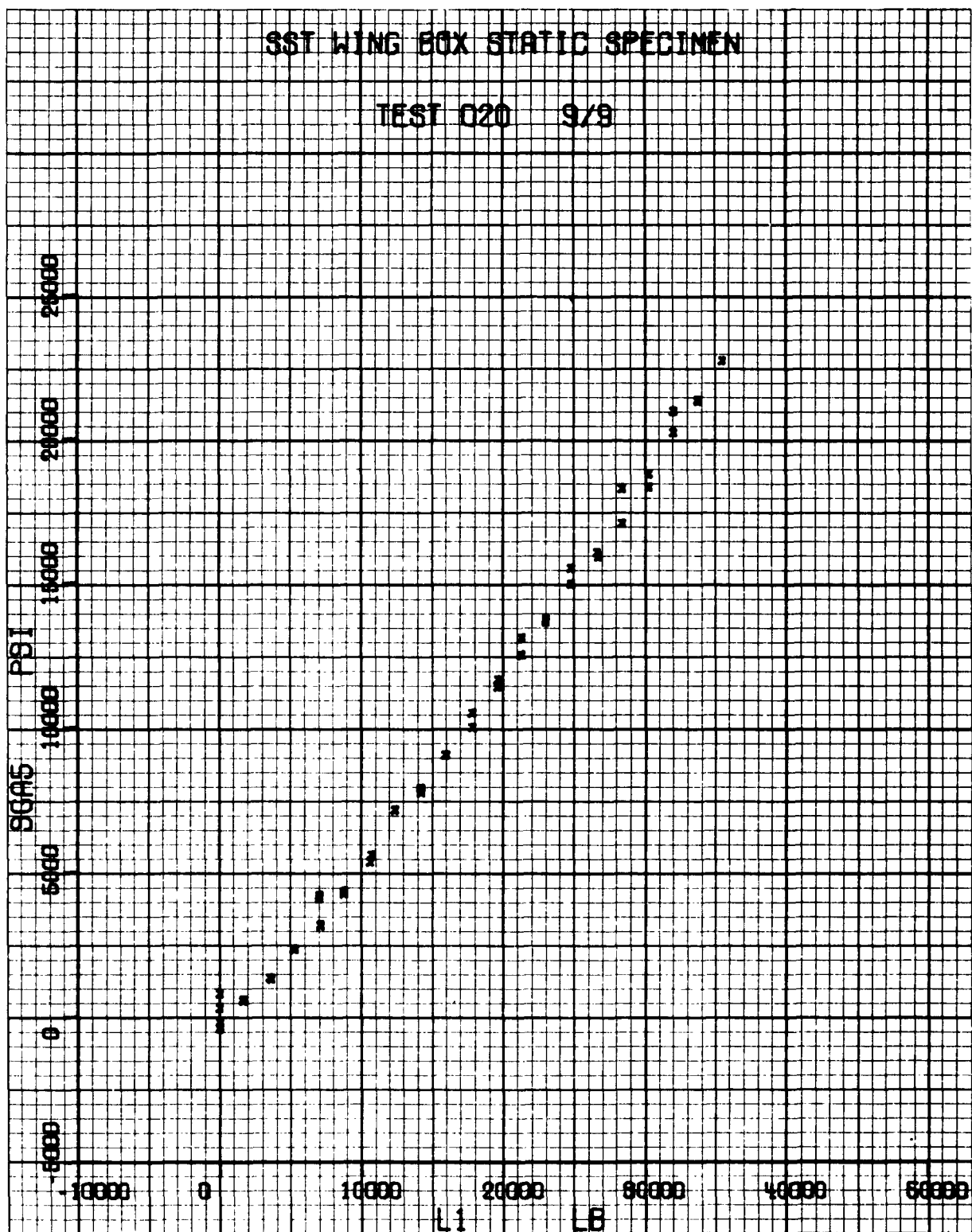
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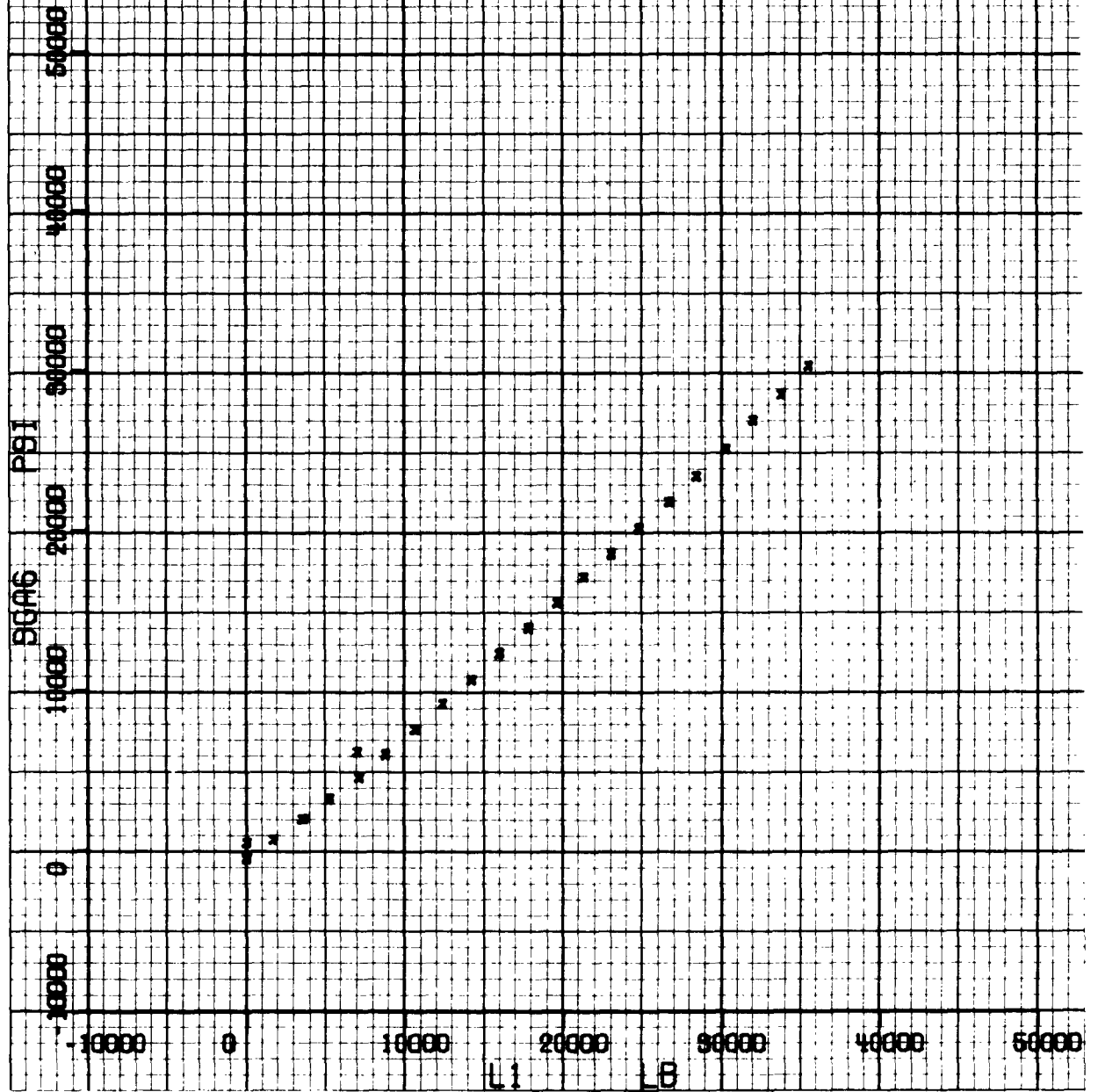
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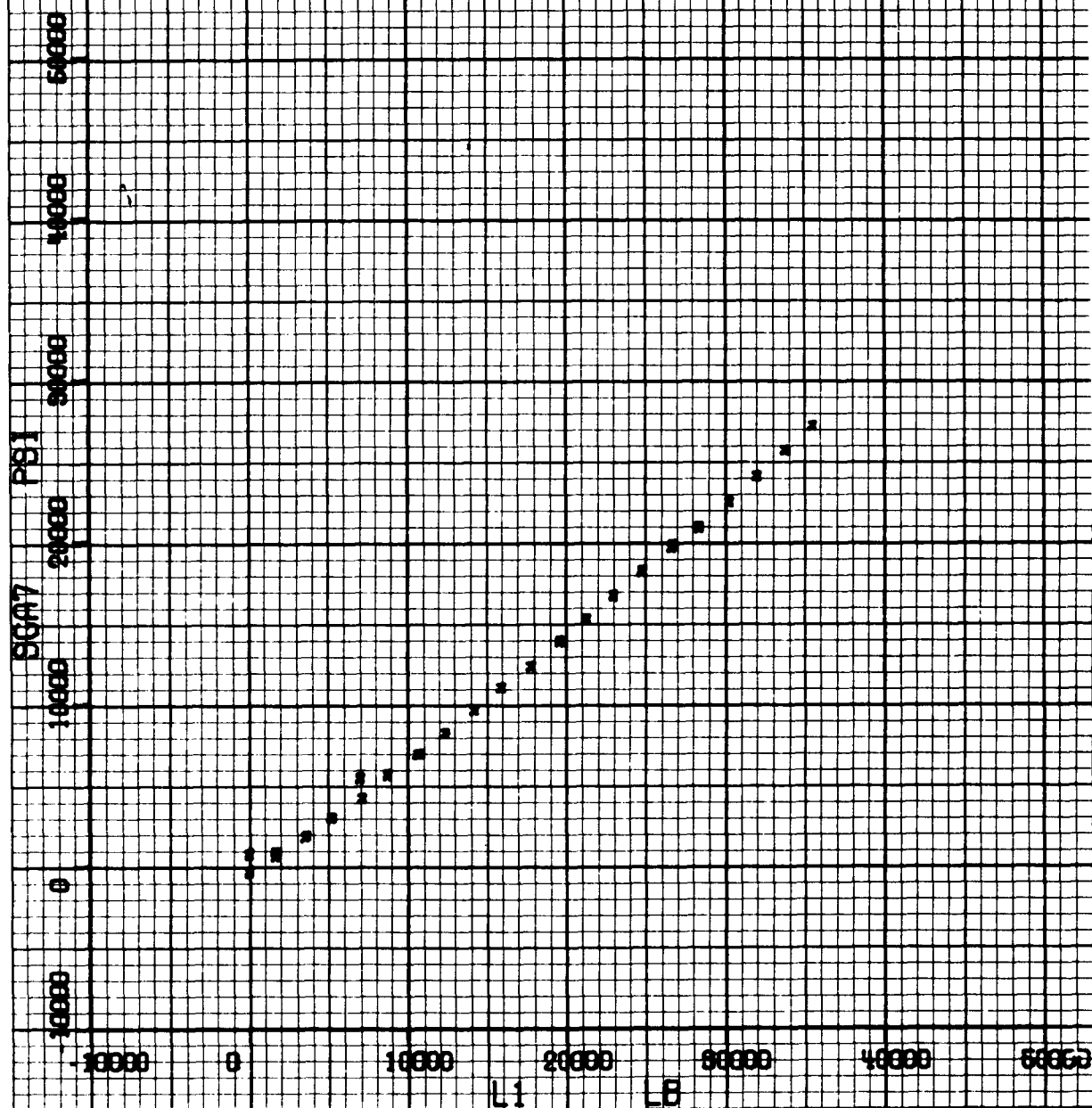
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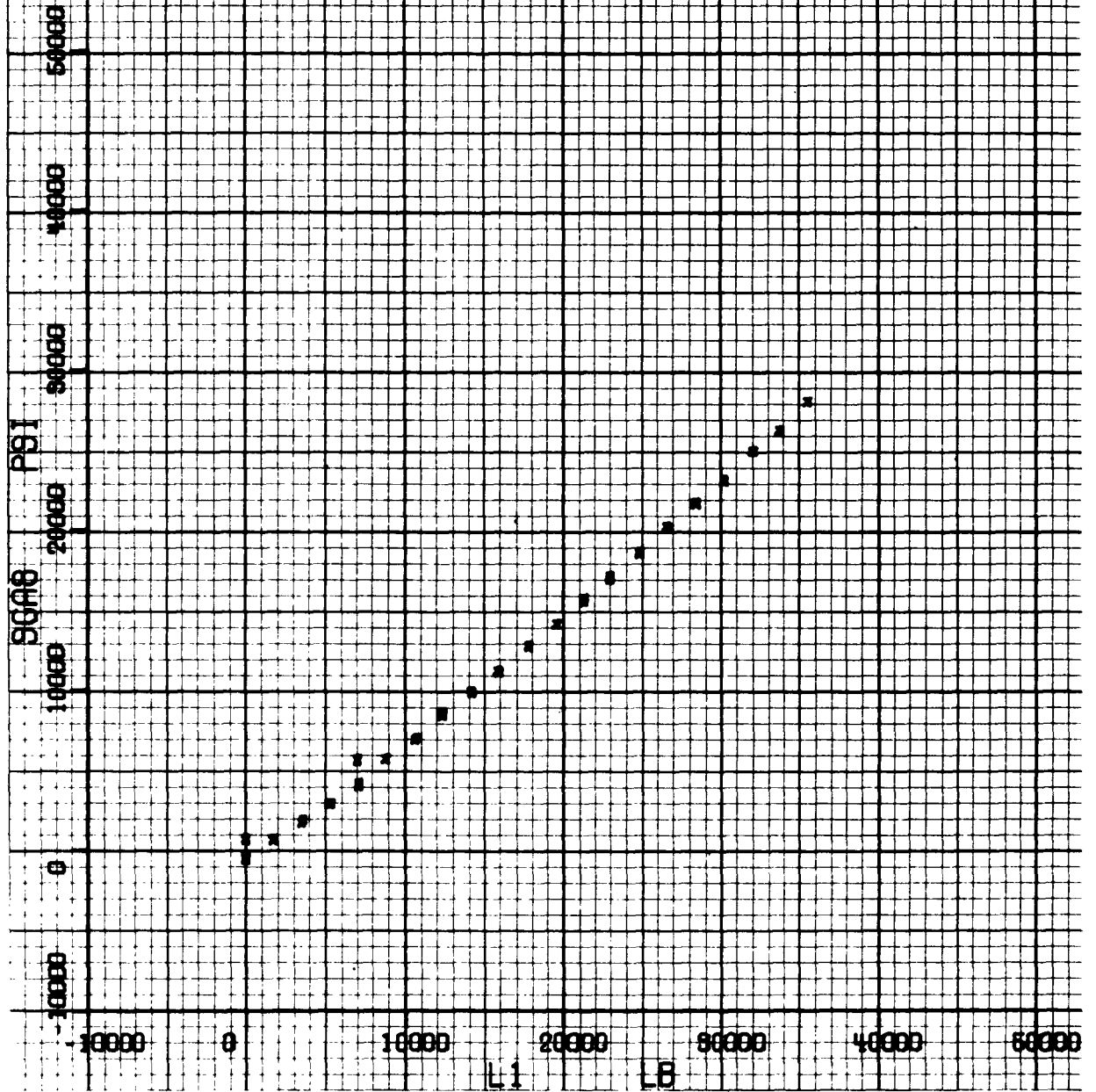
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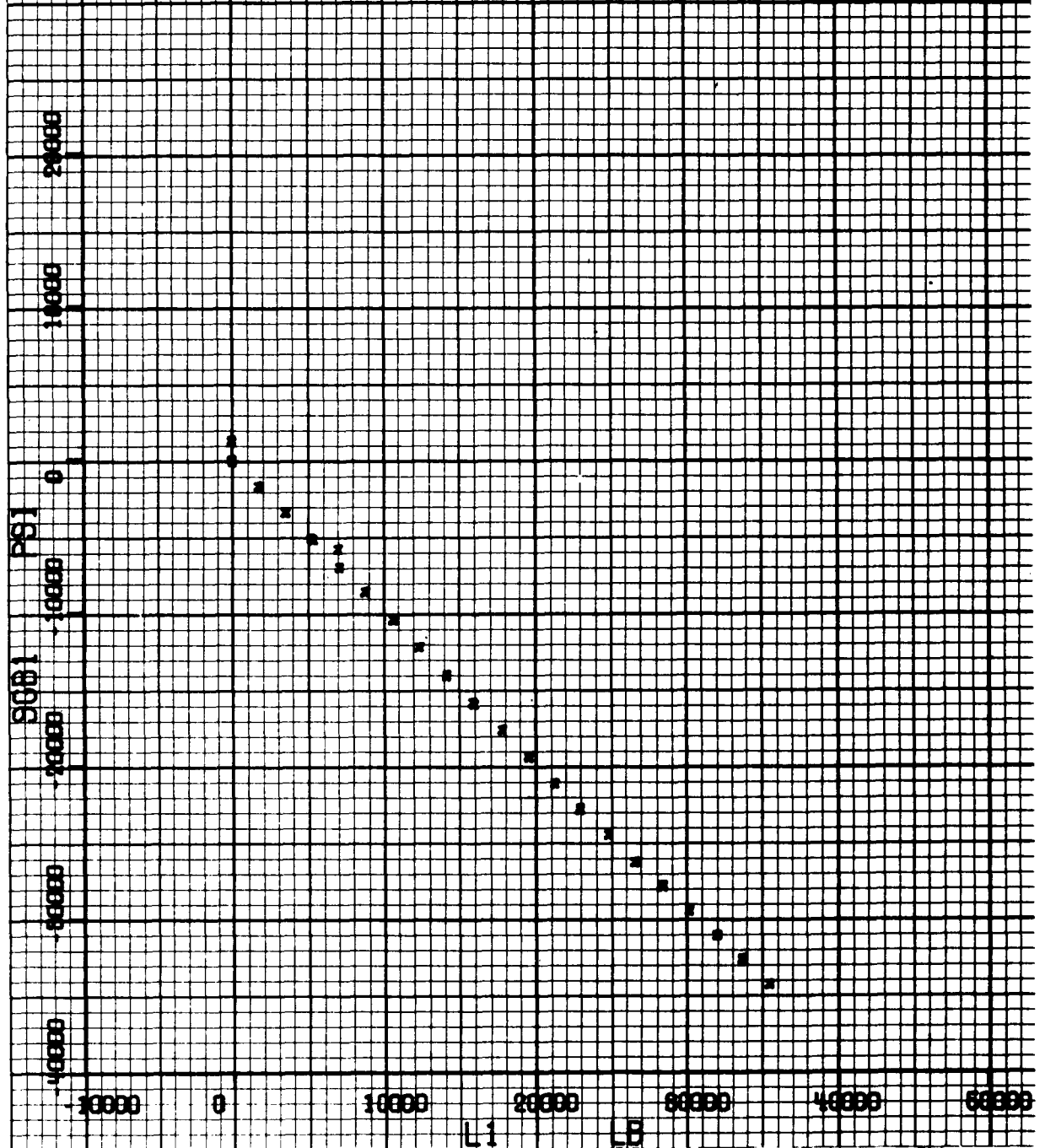
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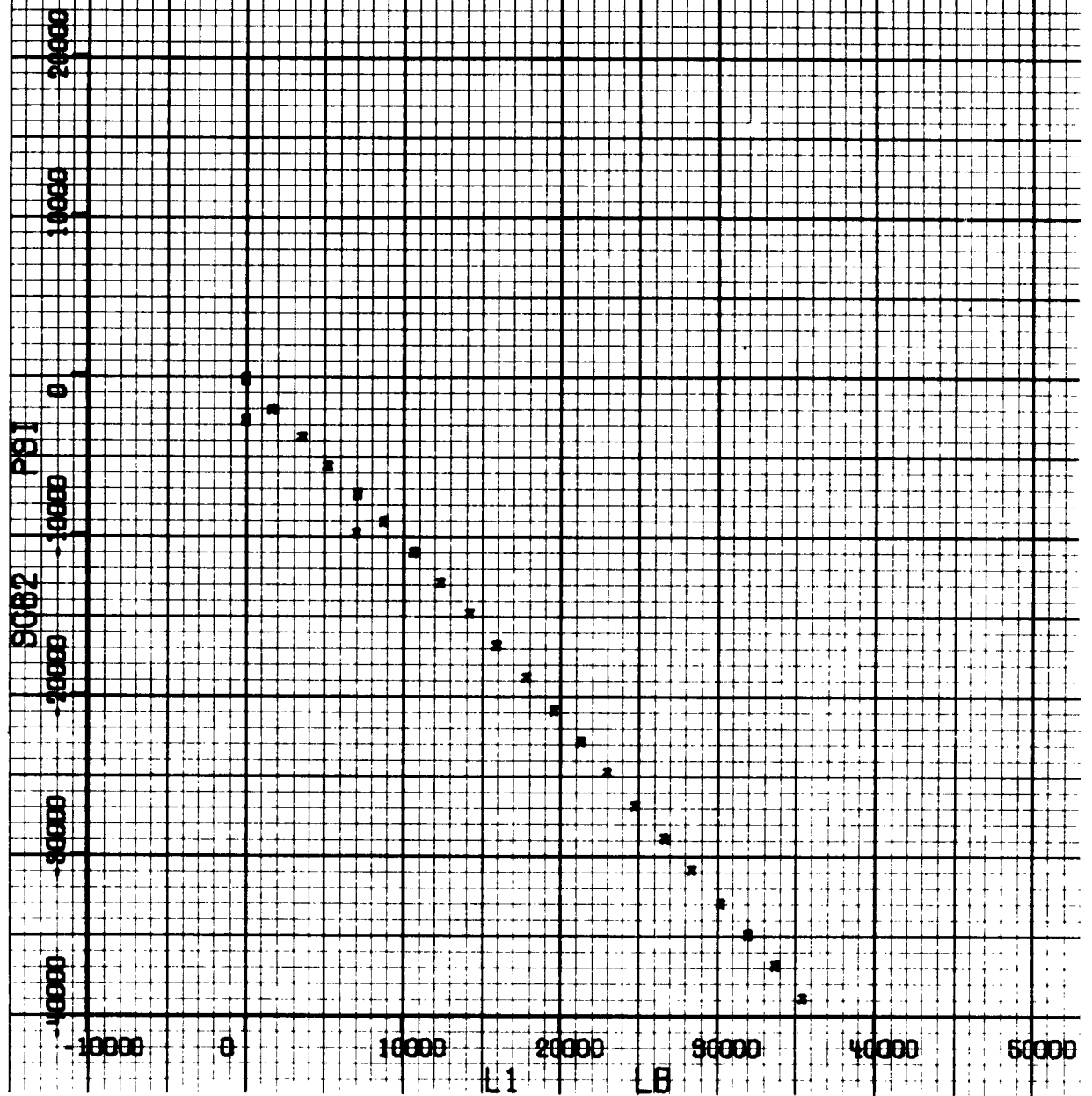
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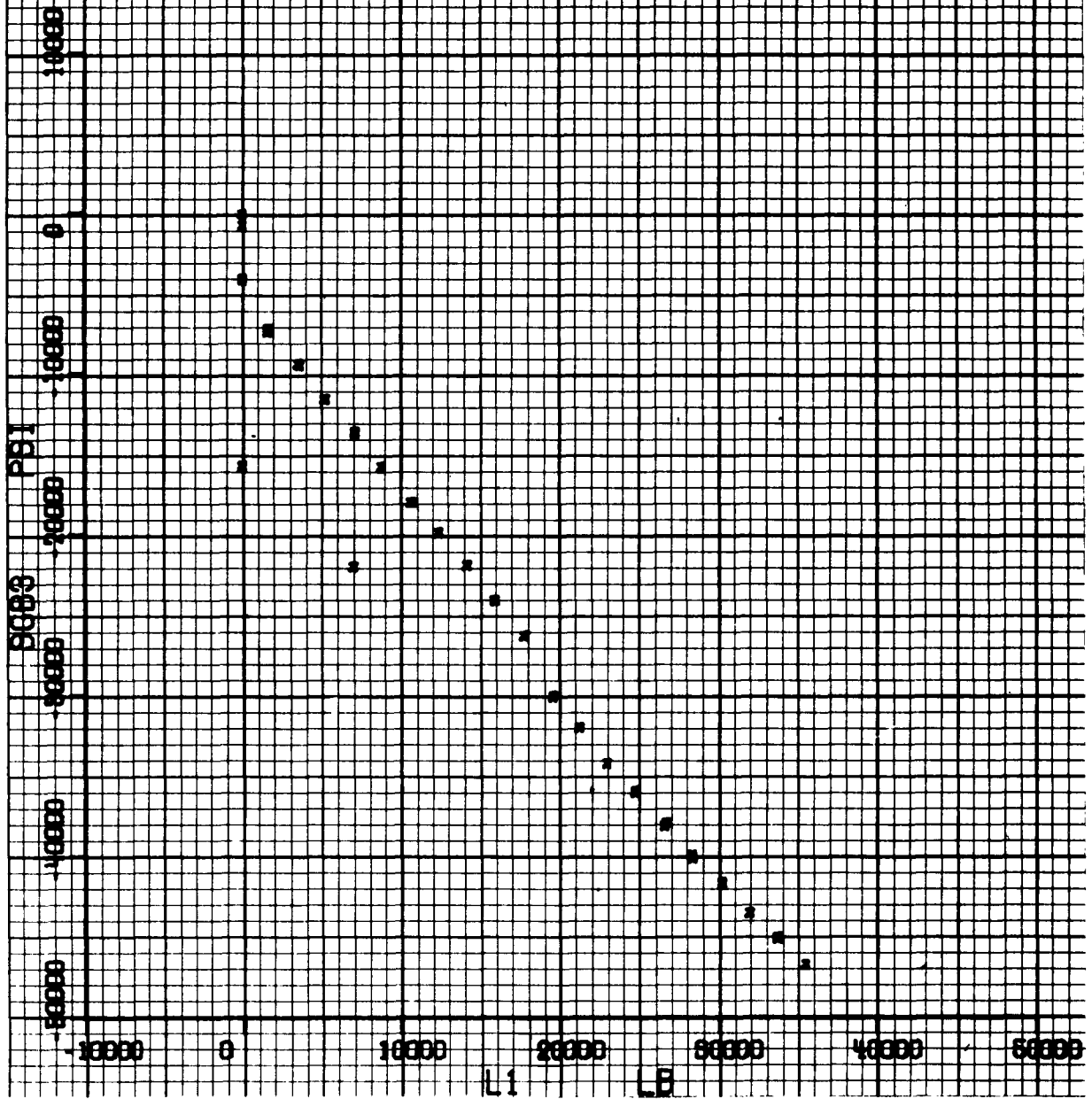
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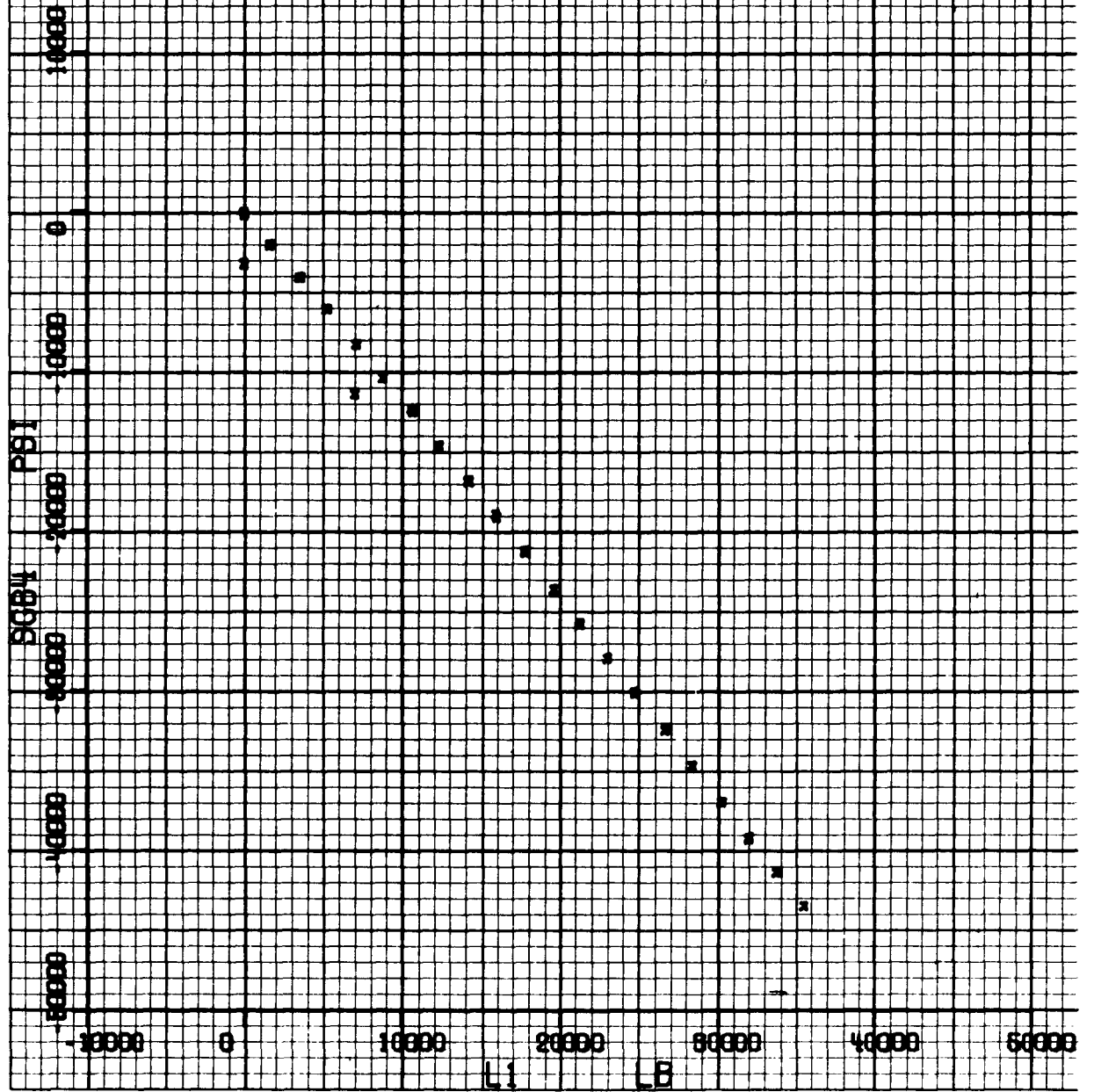
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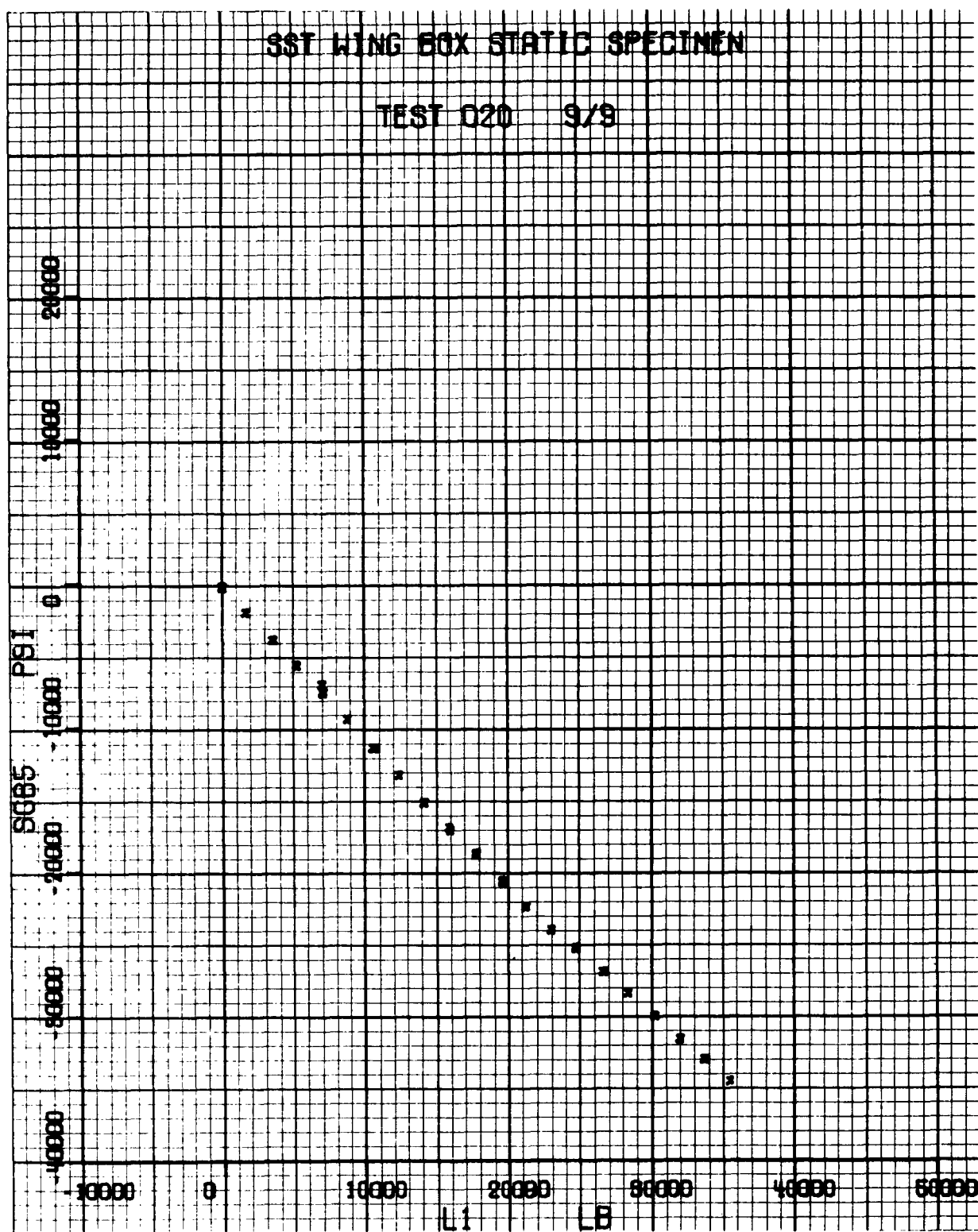
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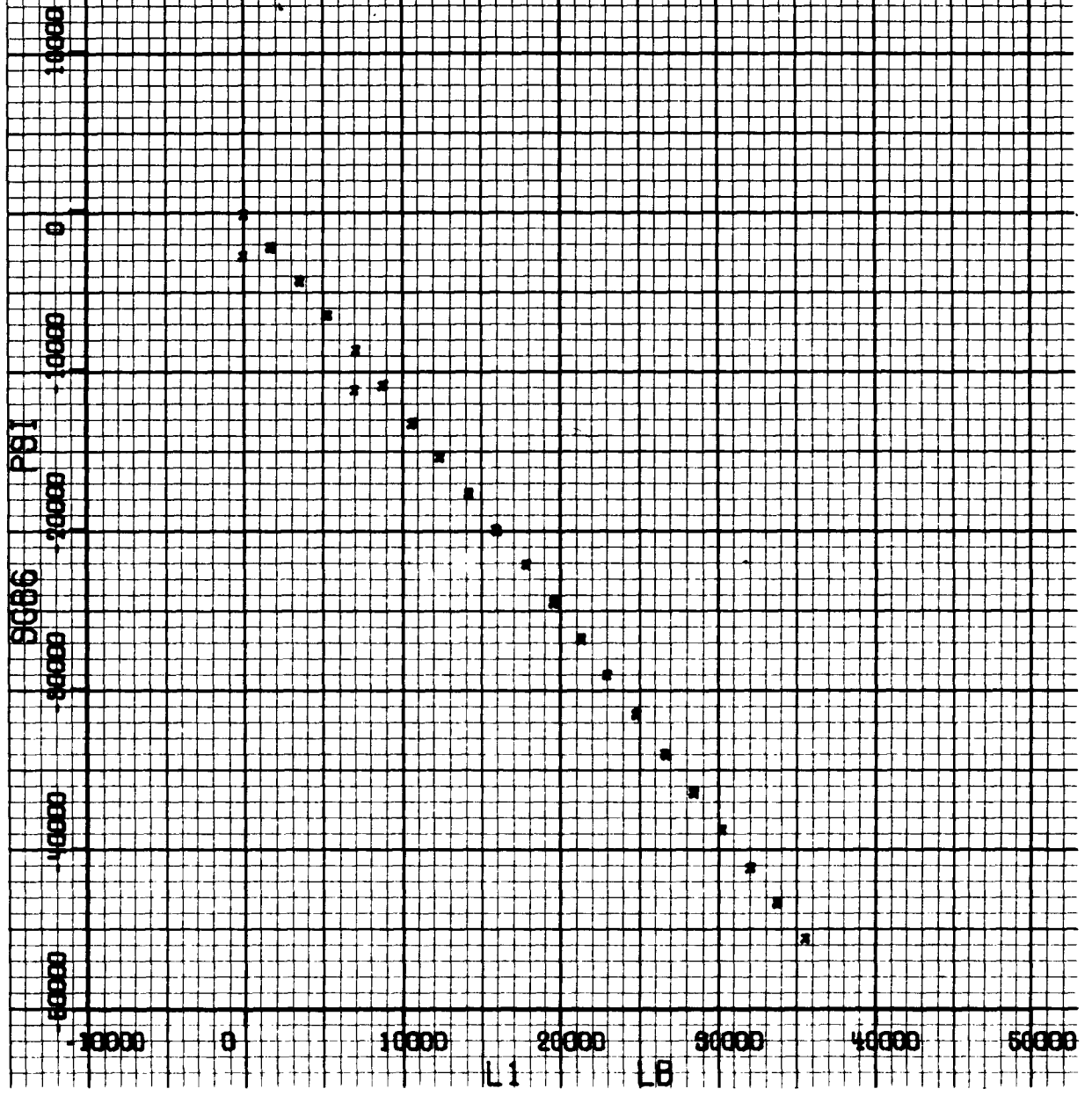
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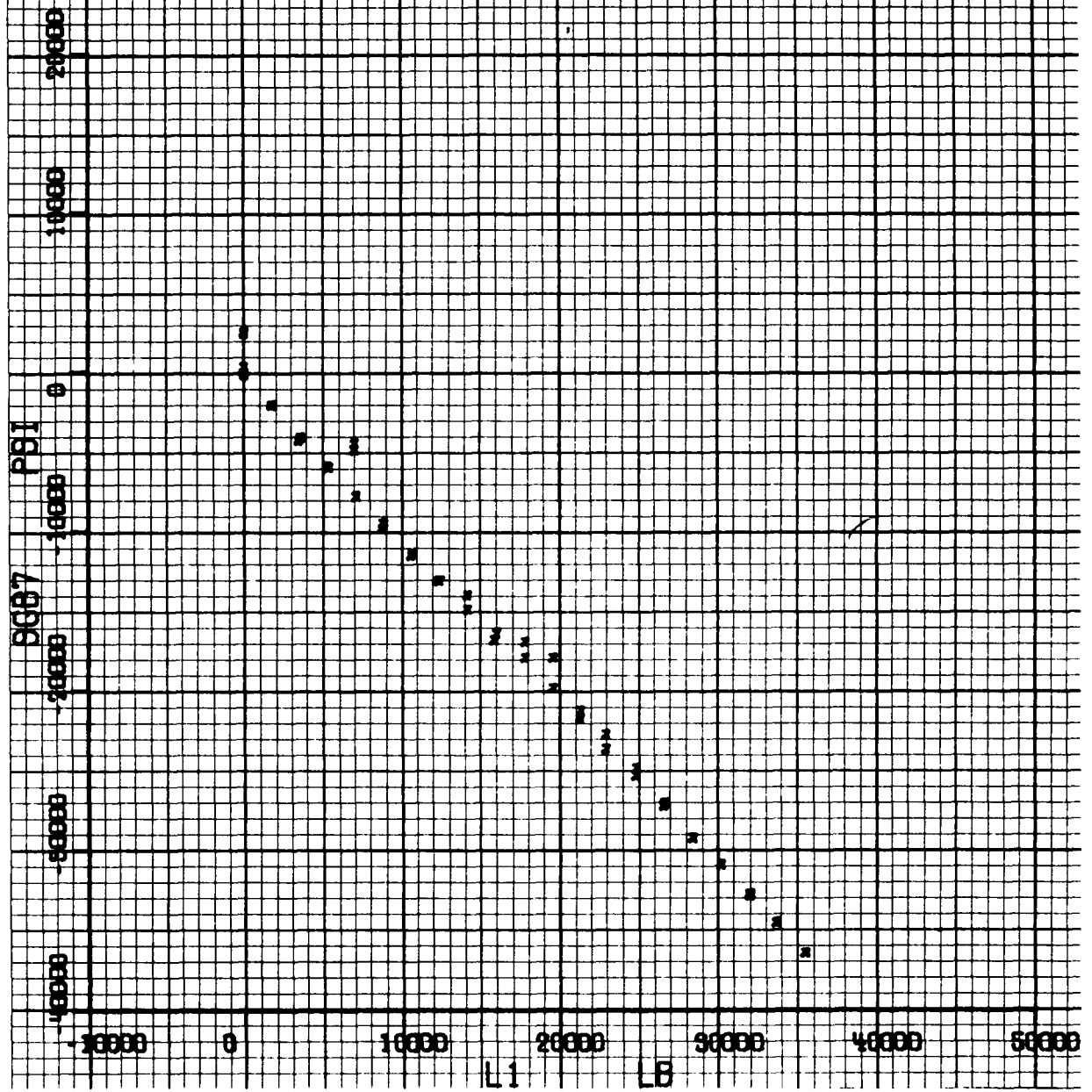
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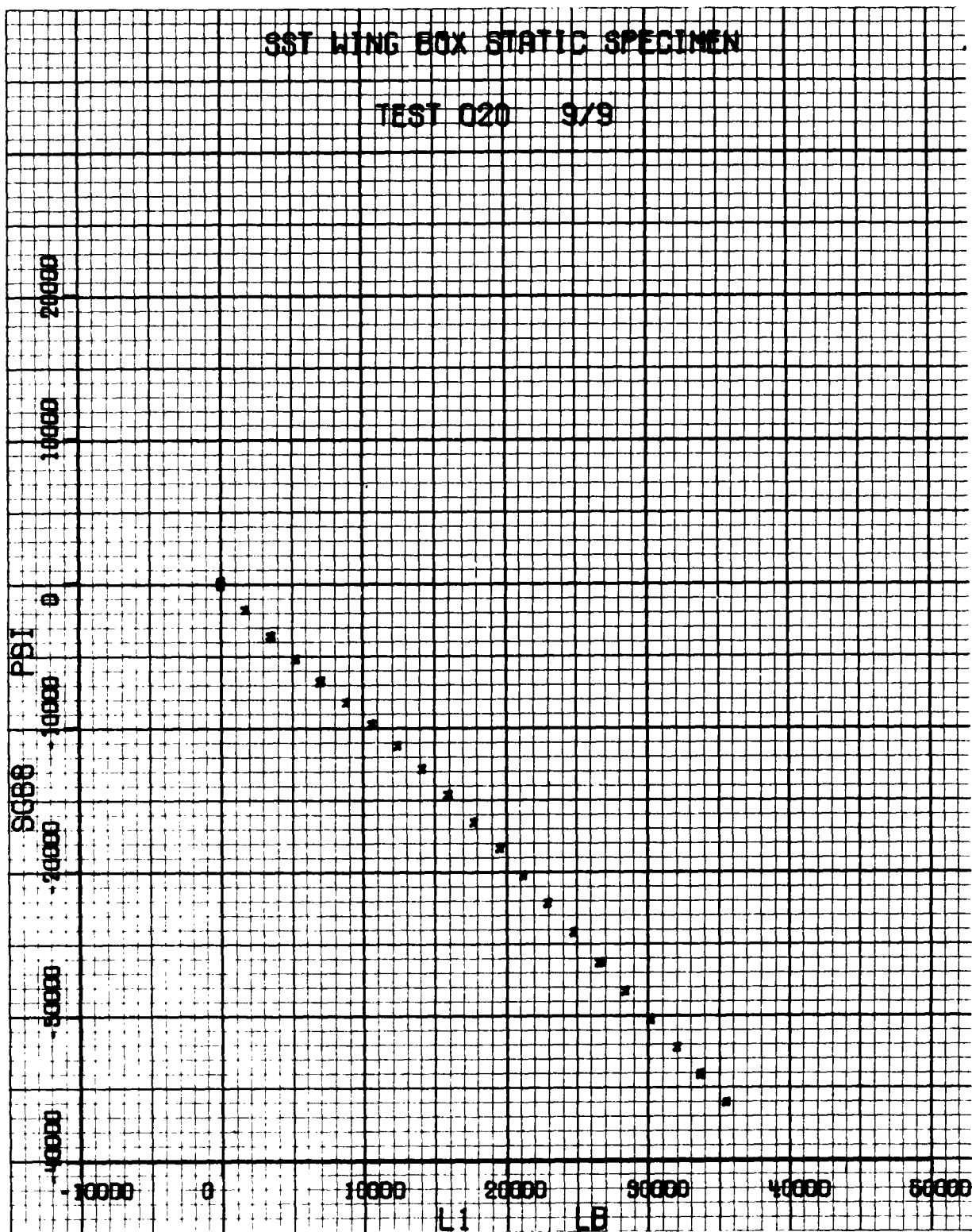
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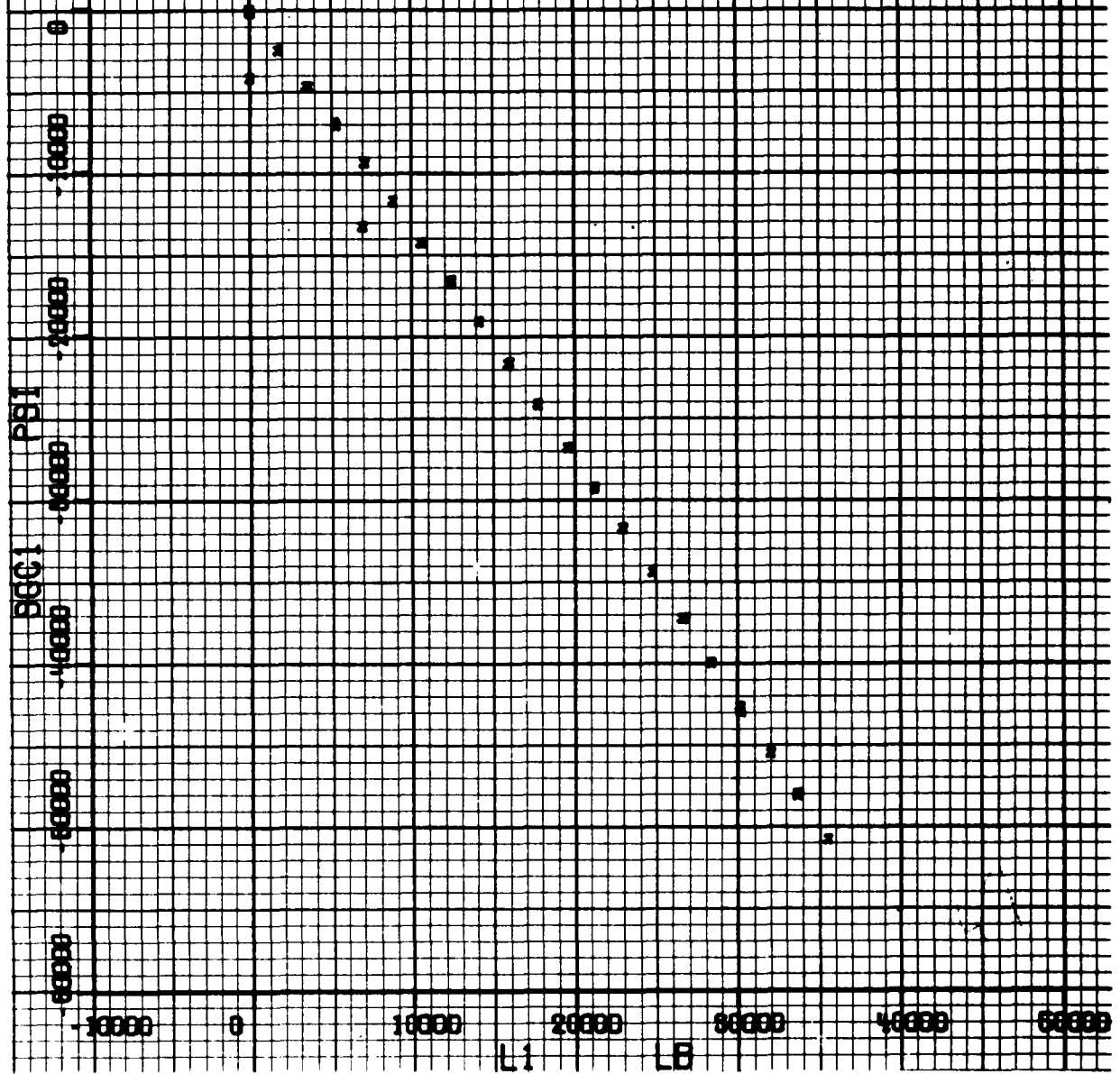
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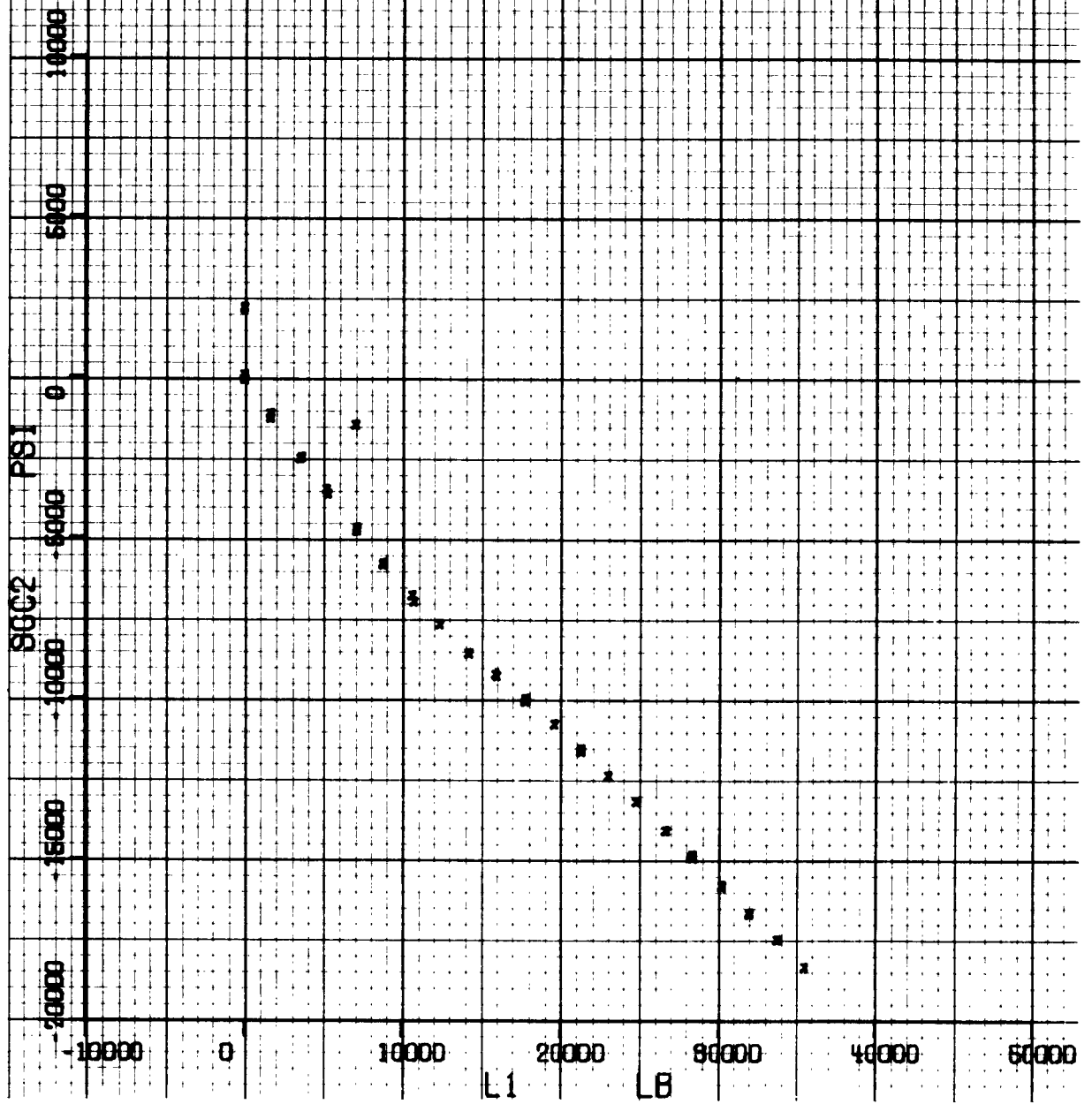
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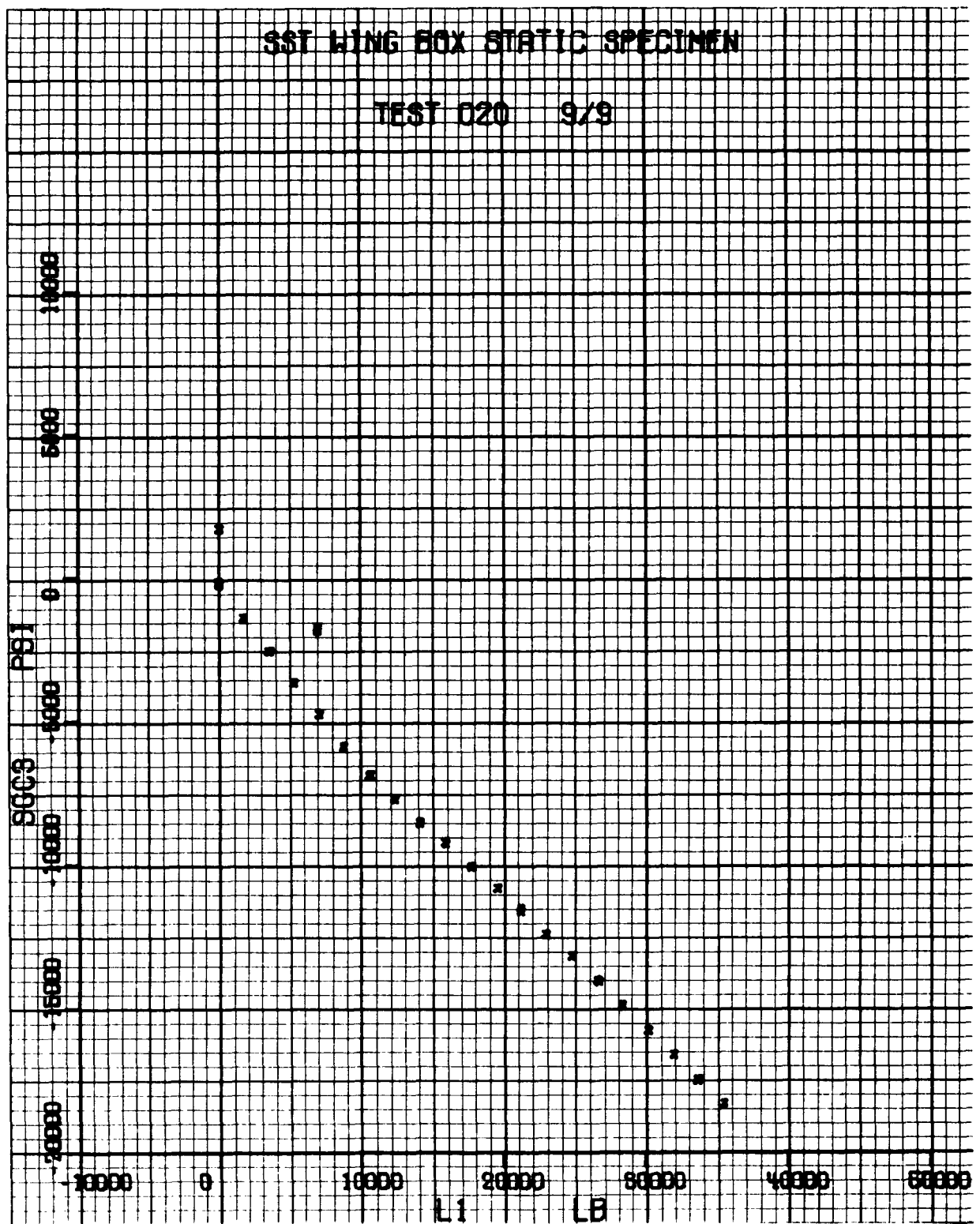
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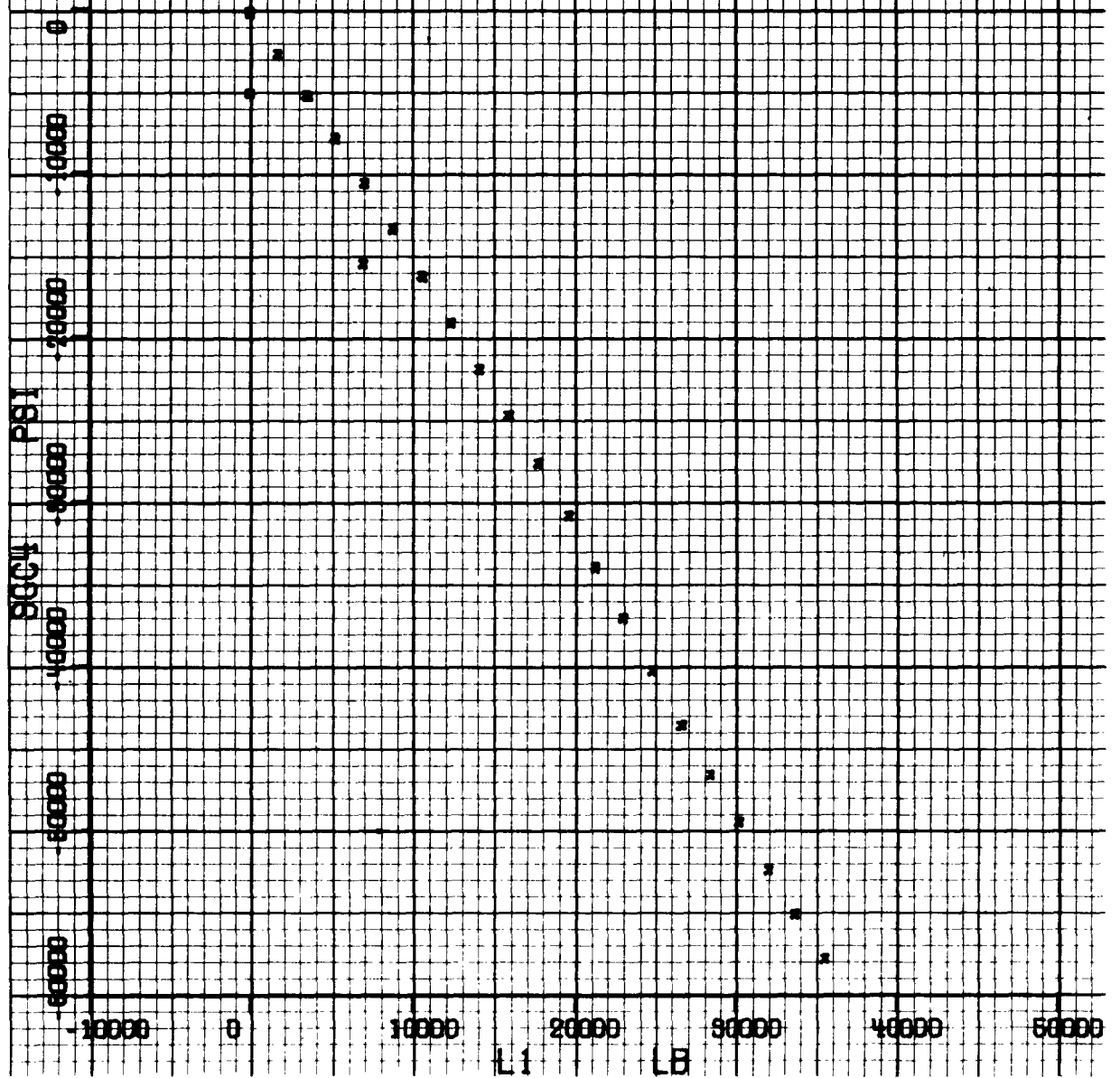
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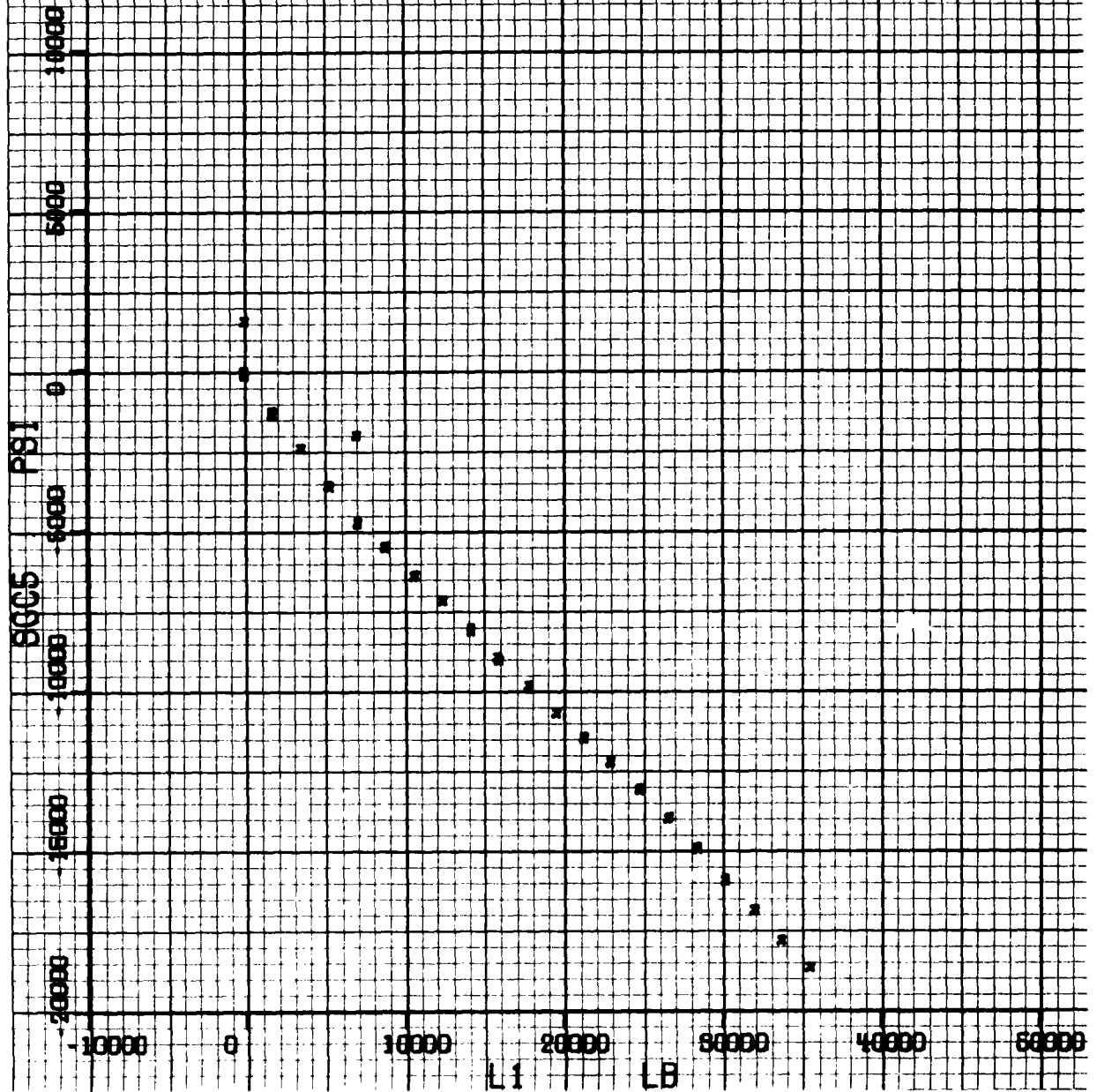
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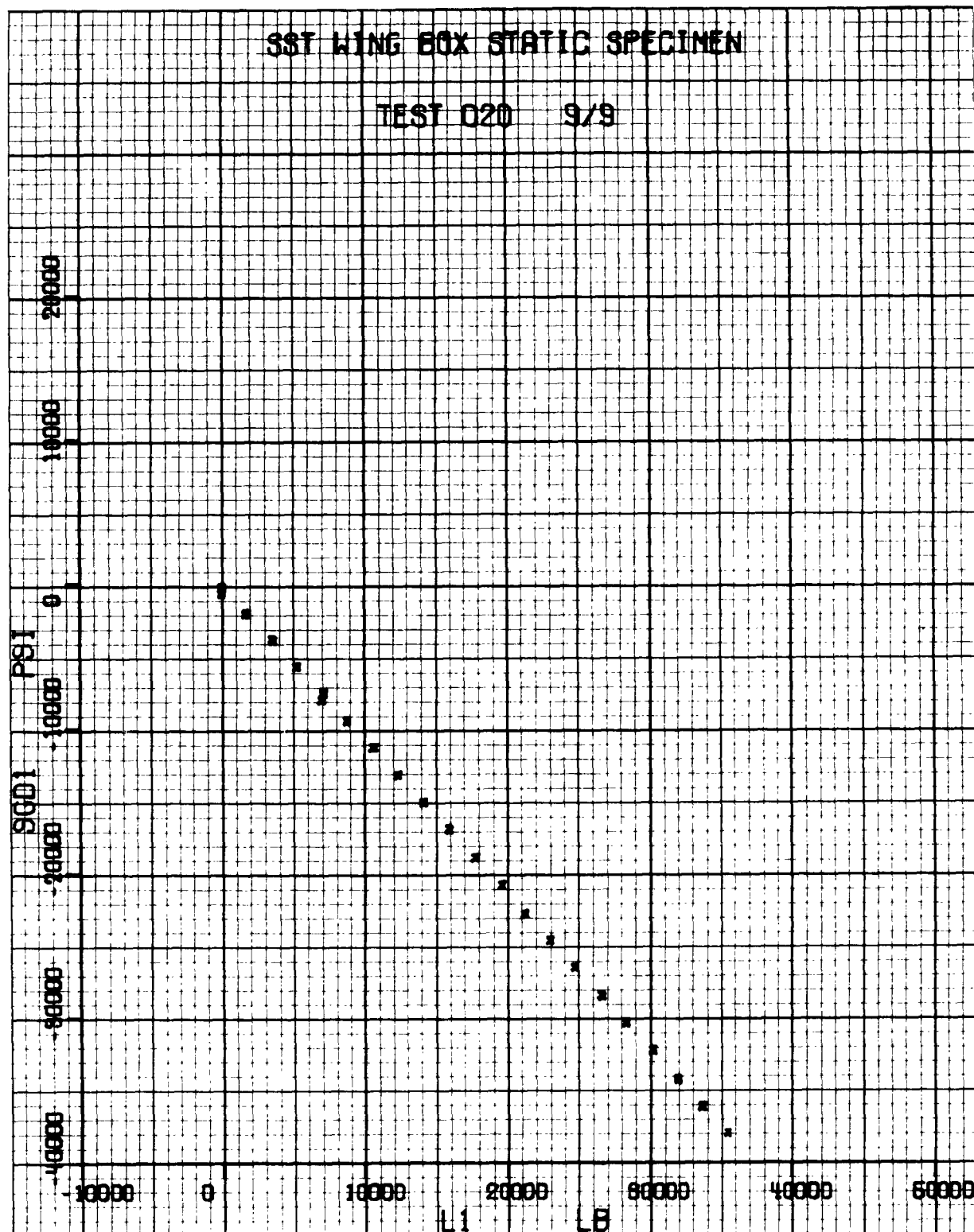
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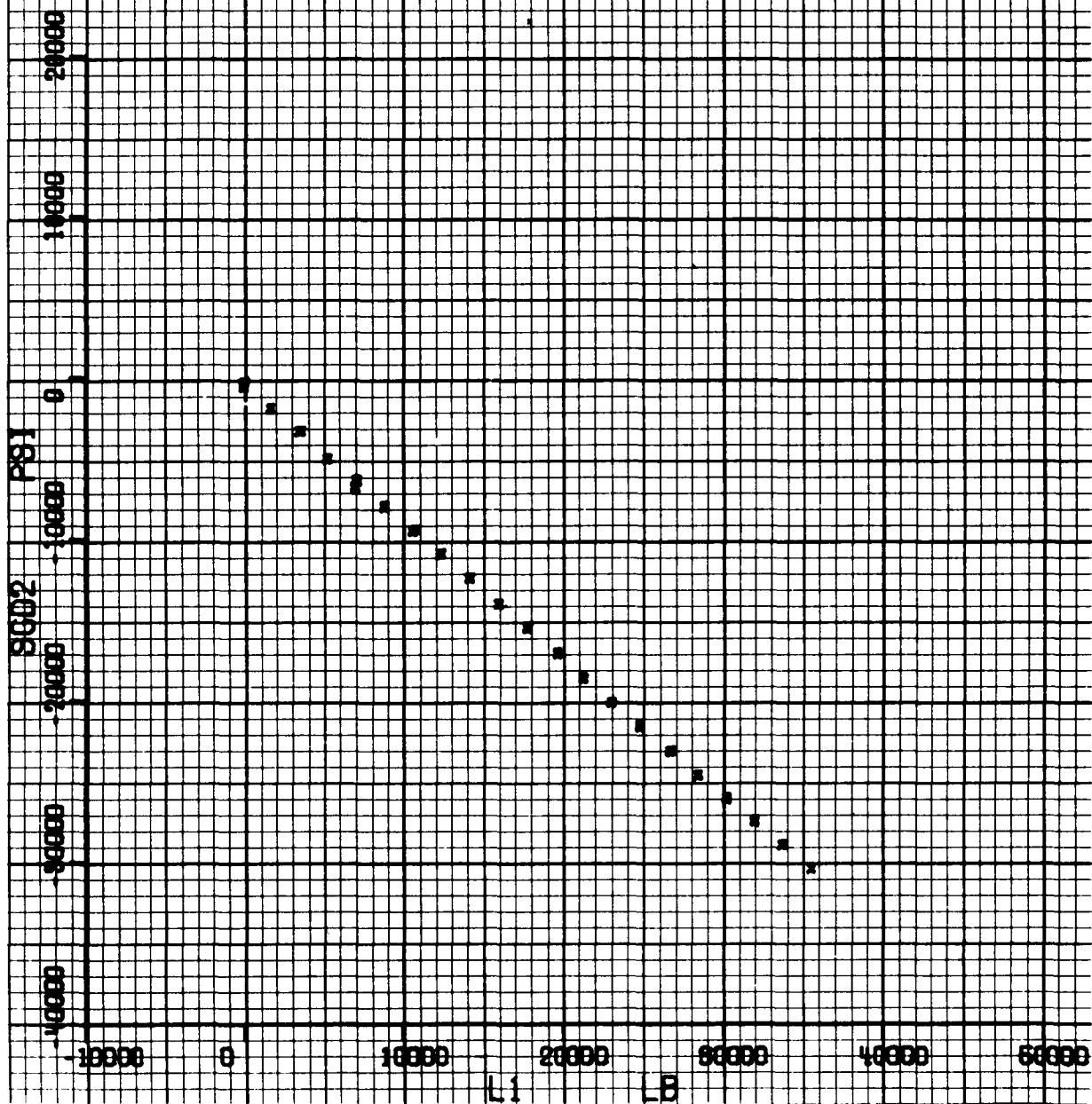






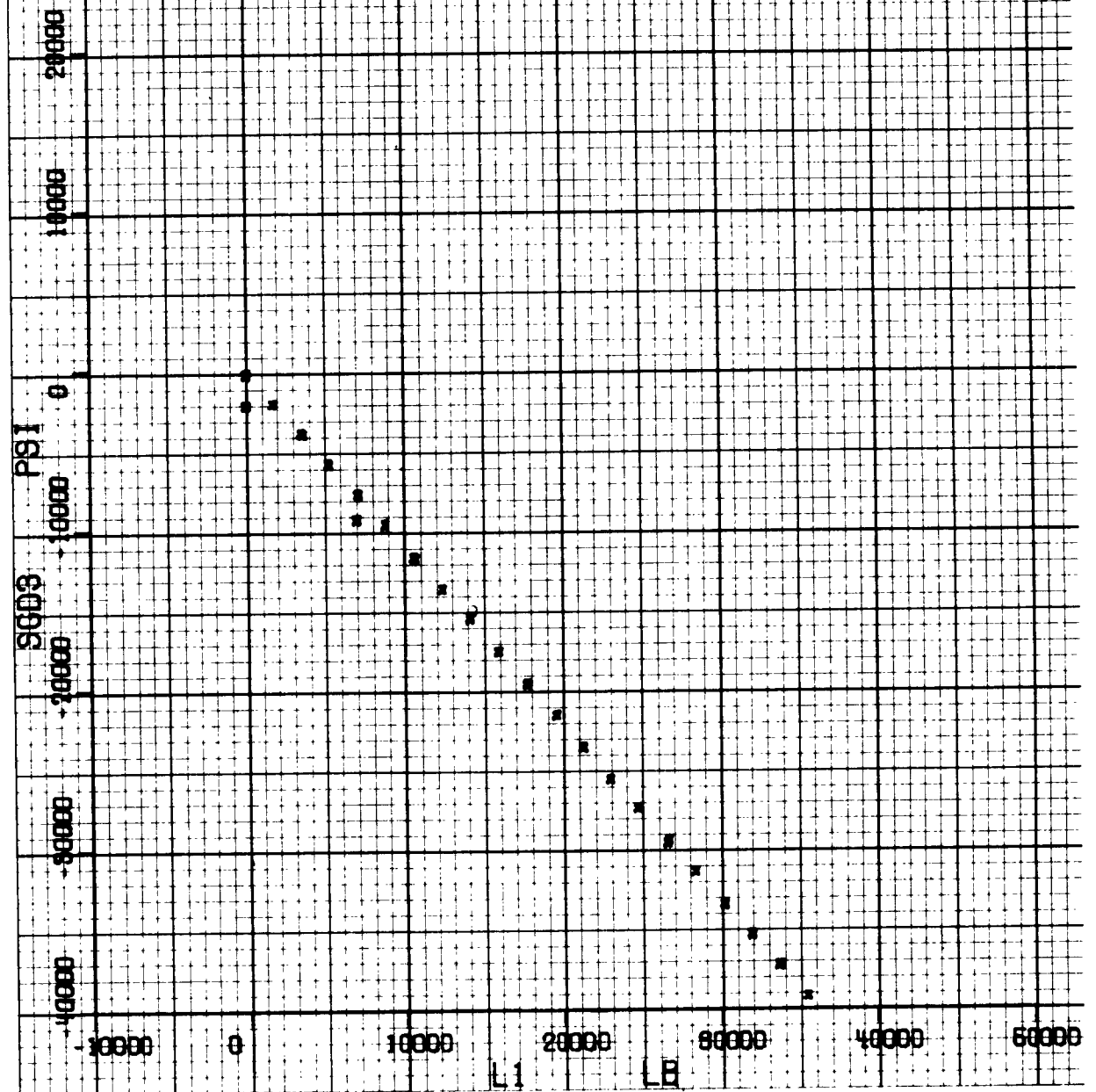
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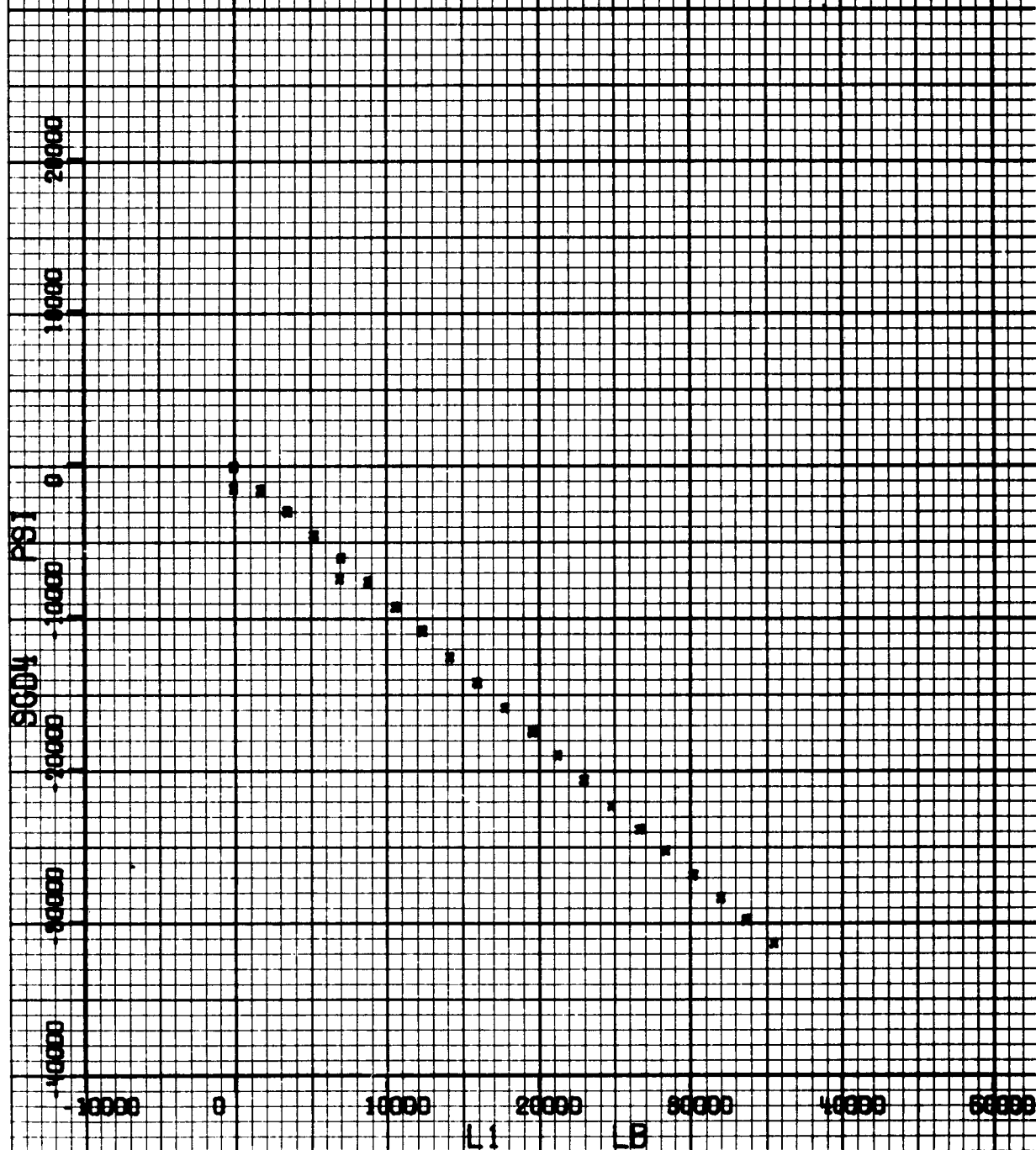
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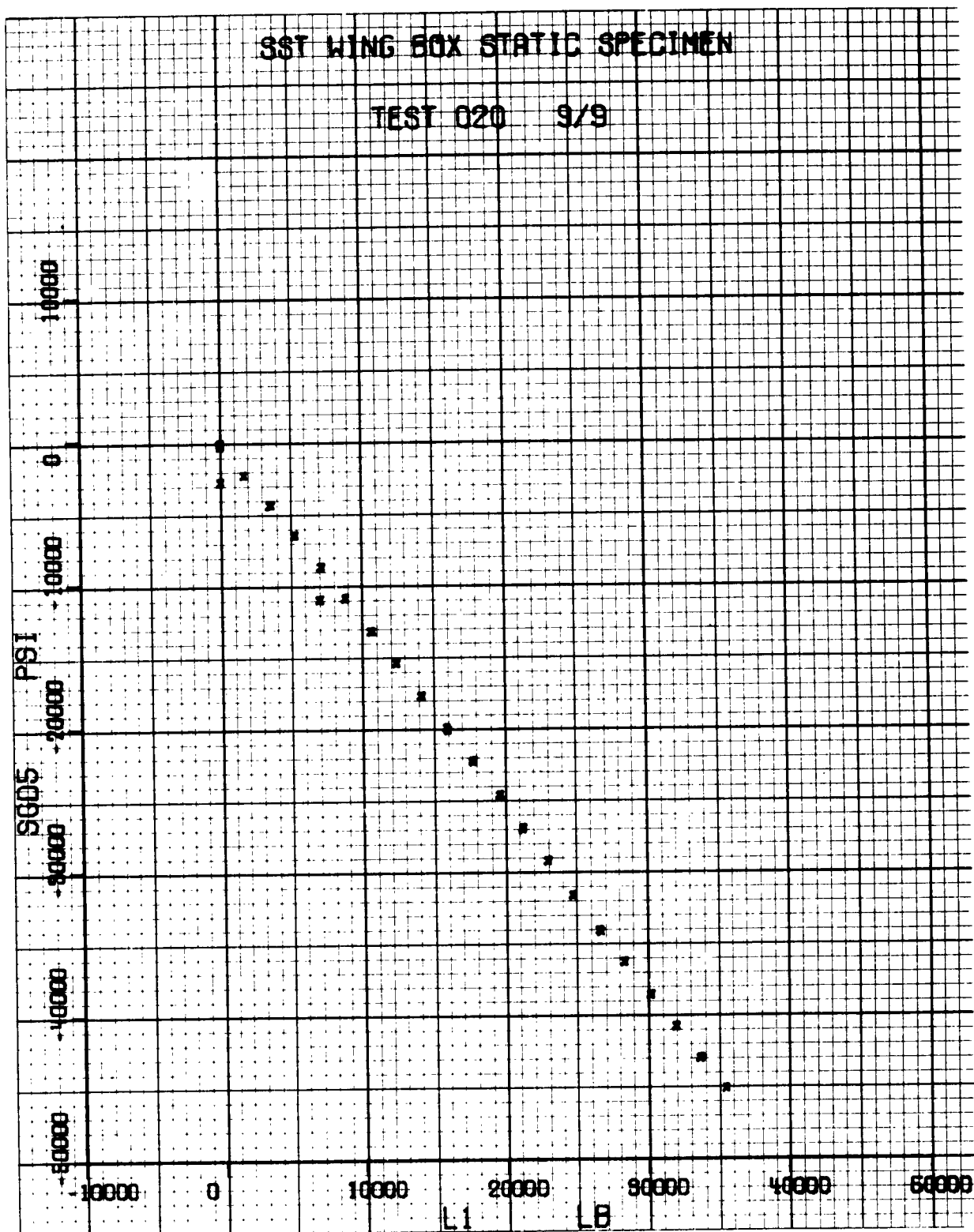
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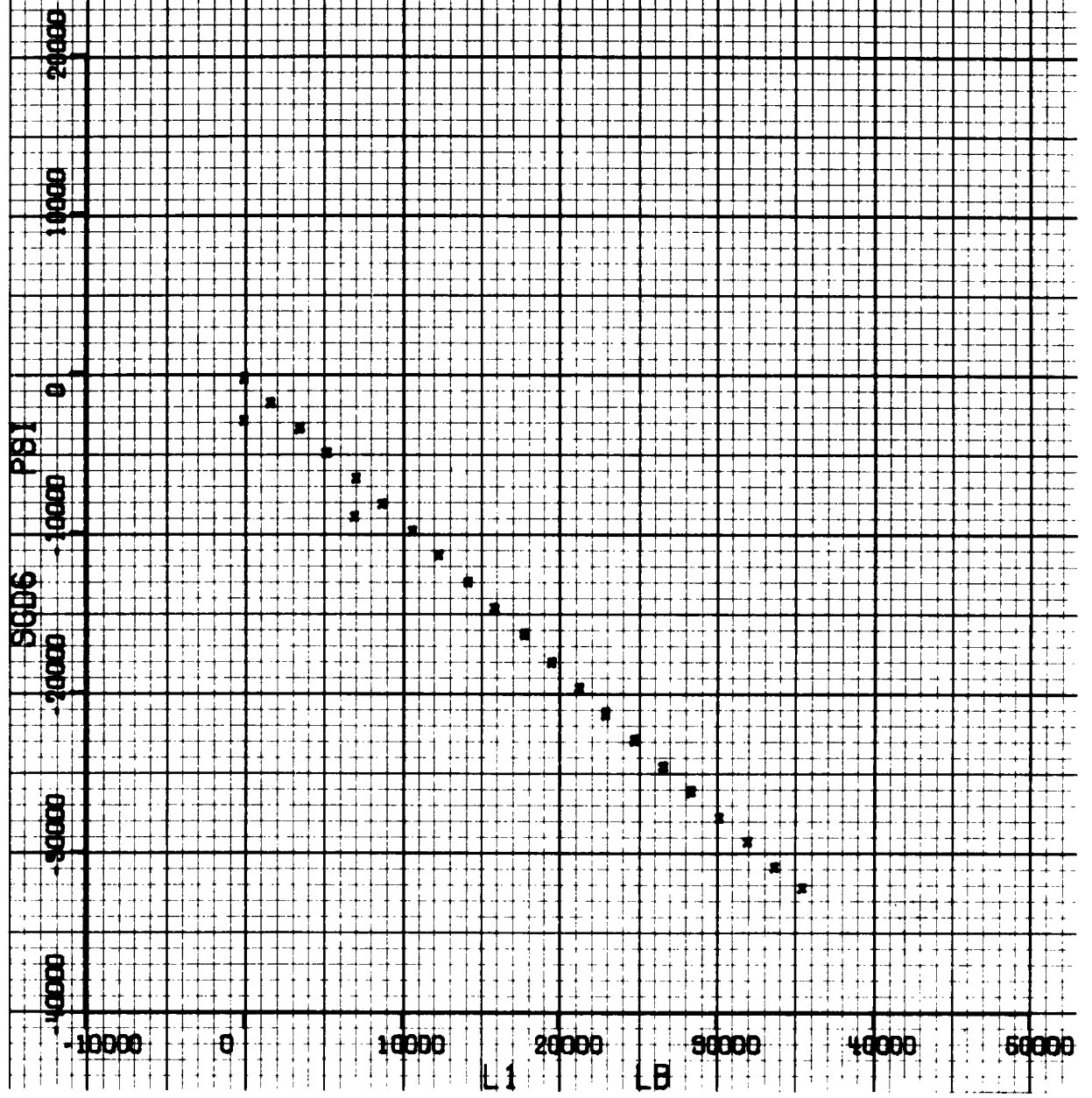
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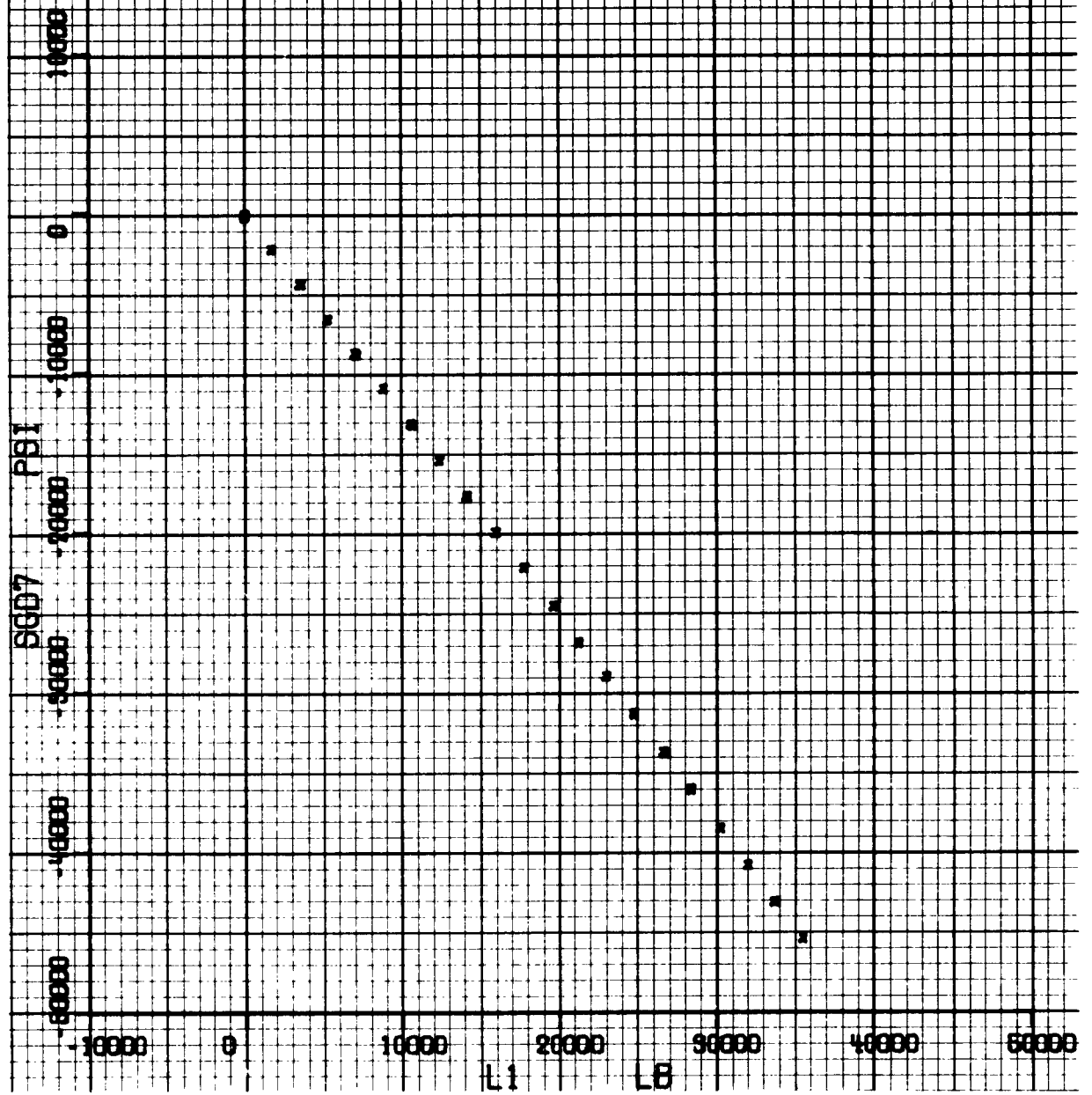
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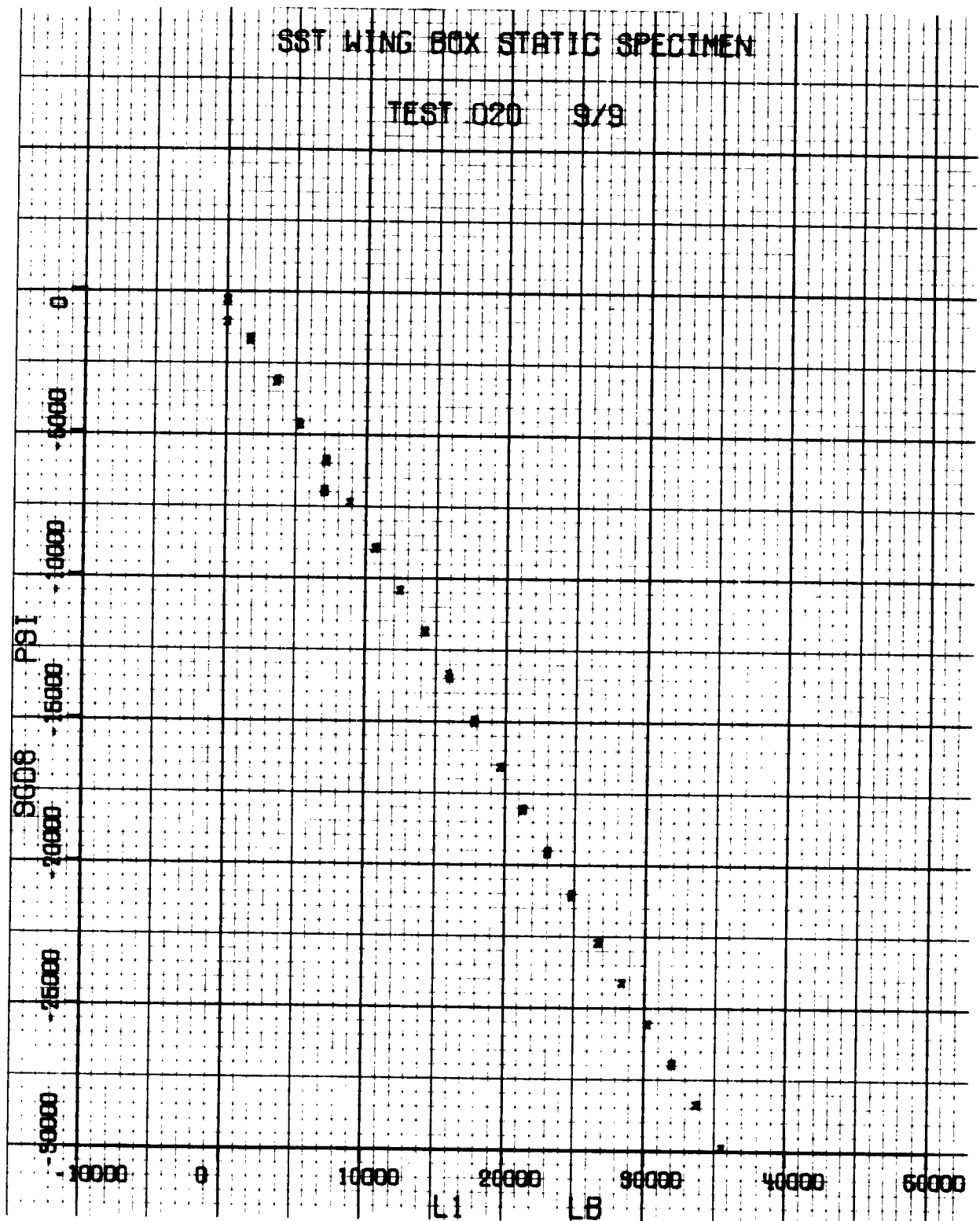
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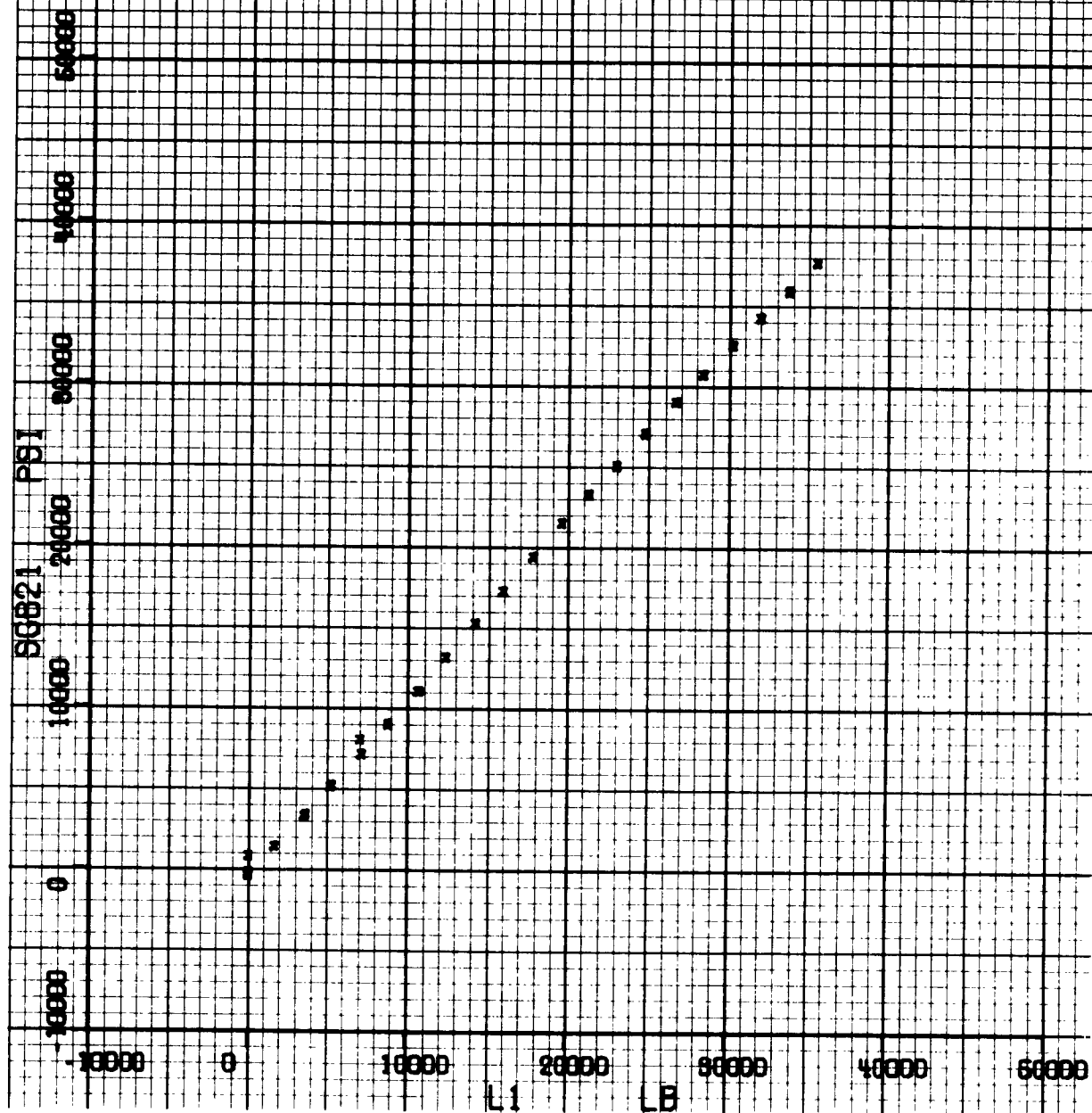
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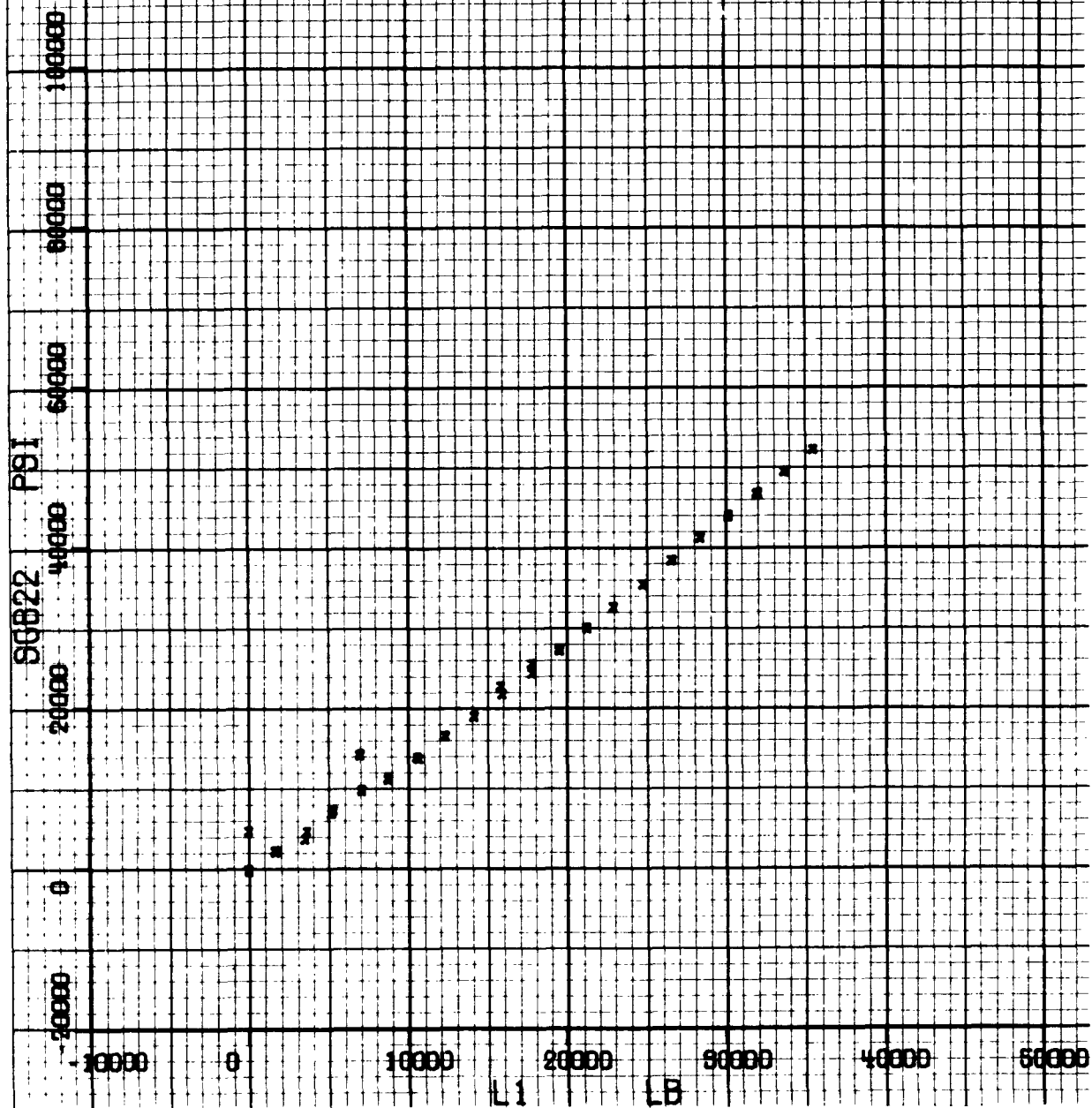
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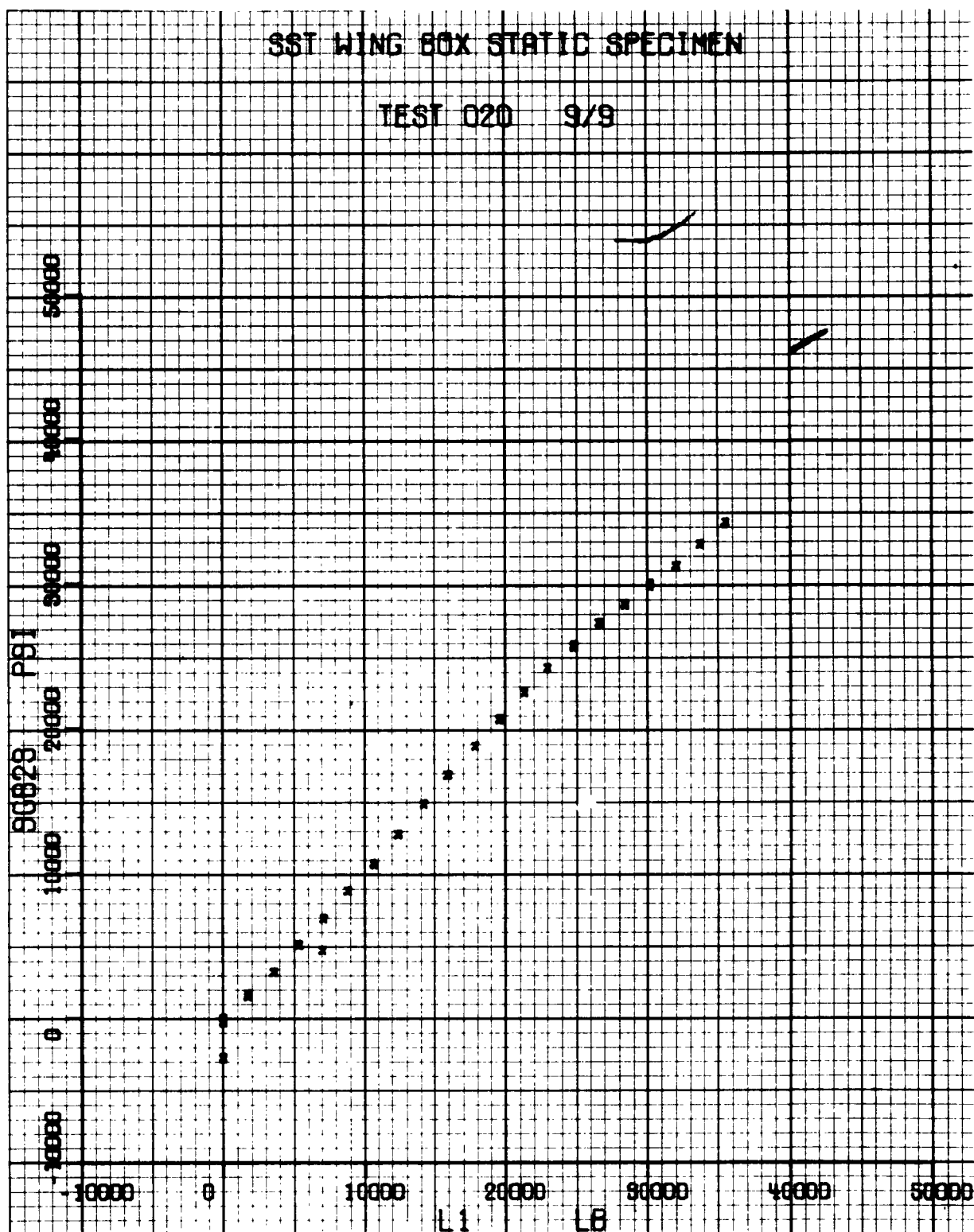
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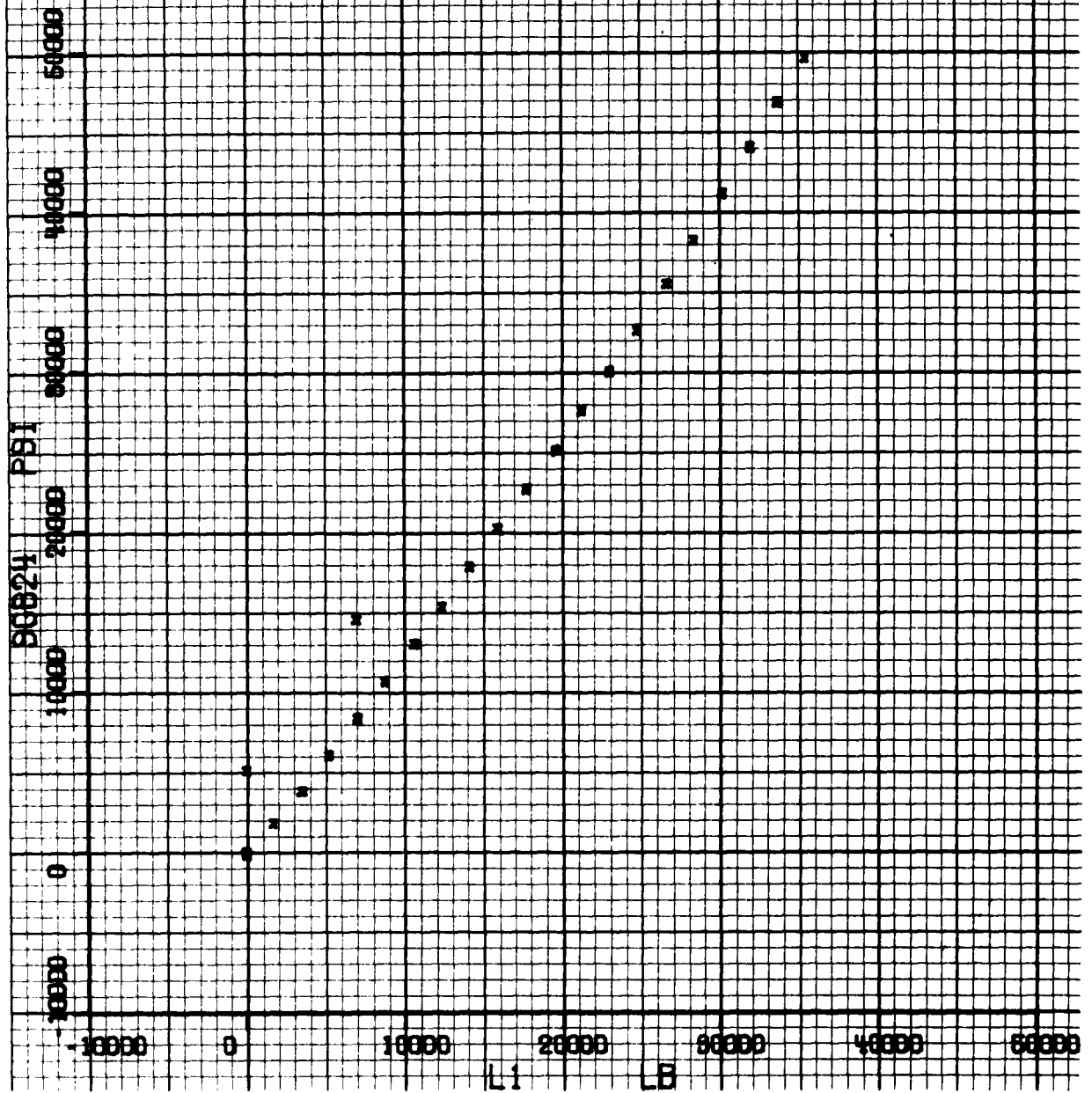
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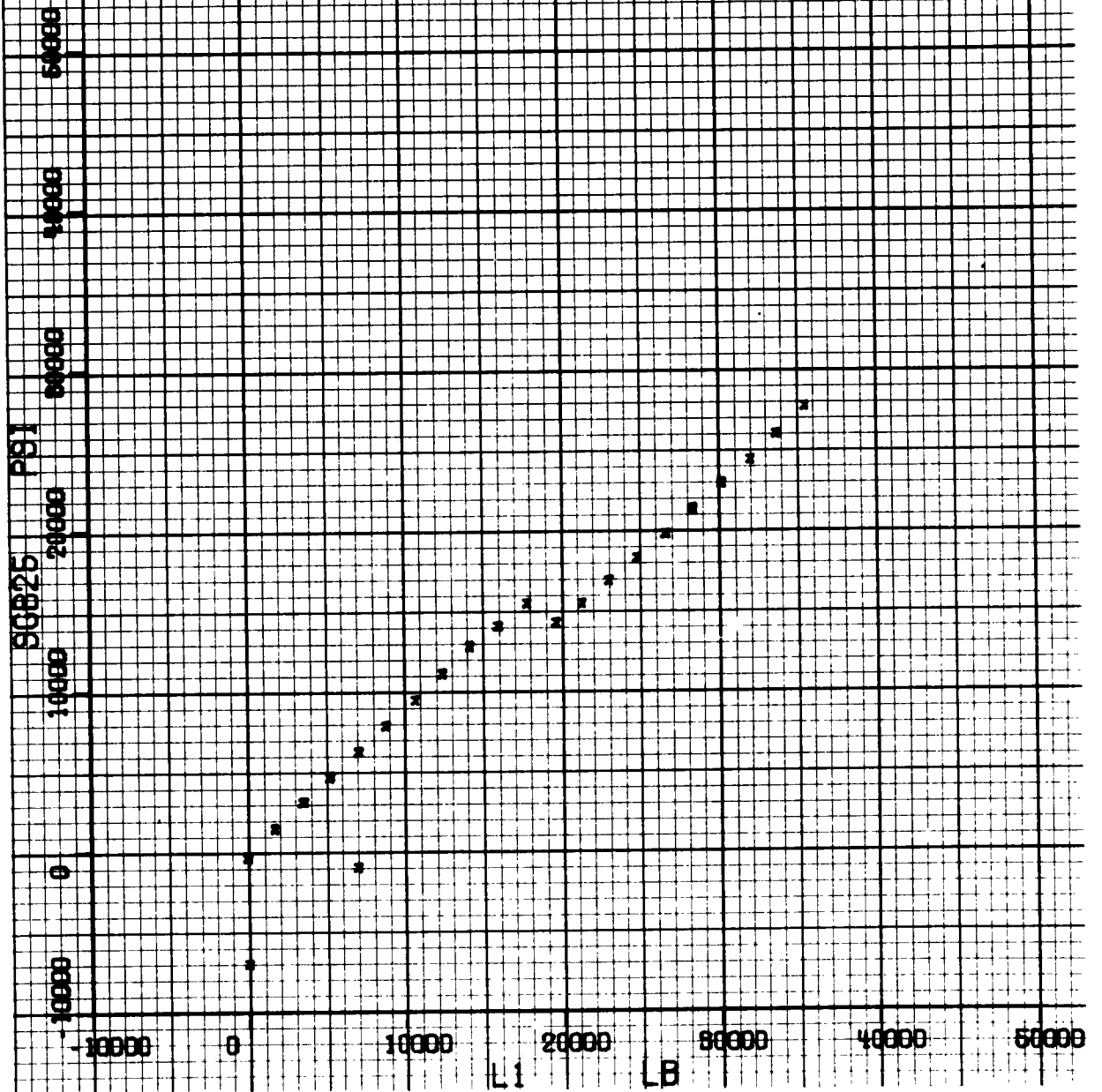
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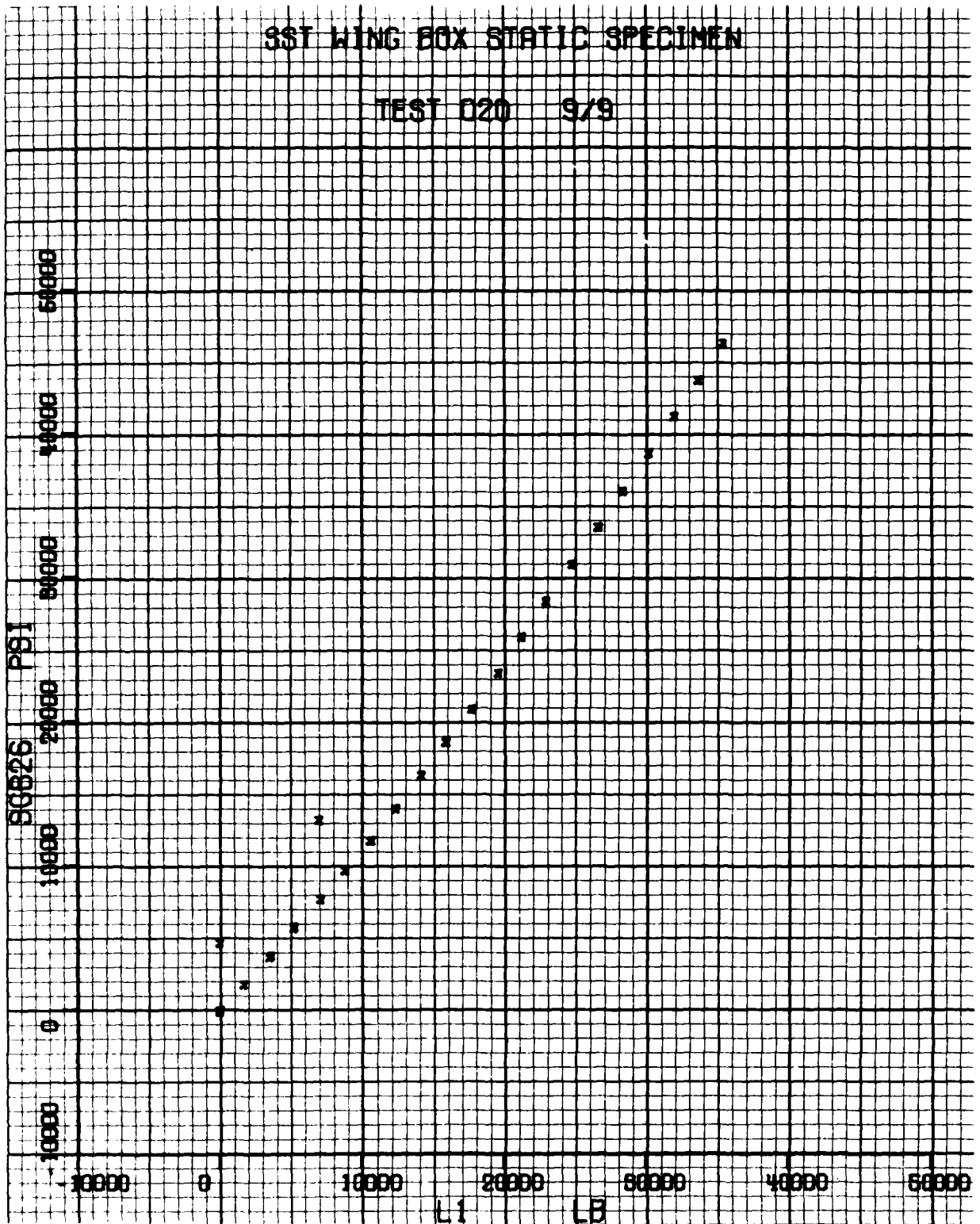
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TEST 020 9/9



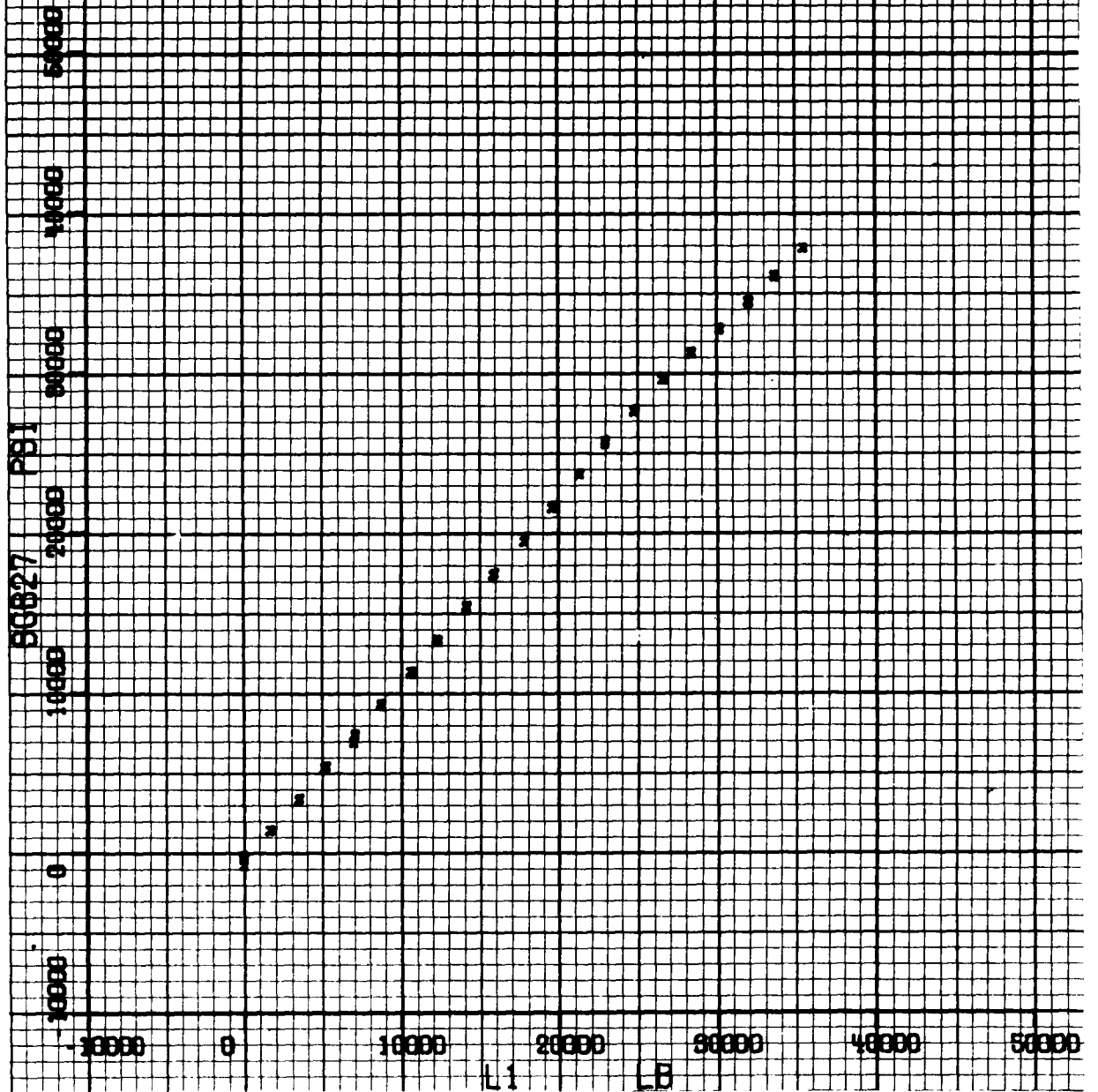
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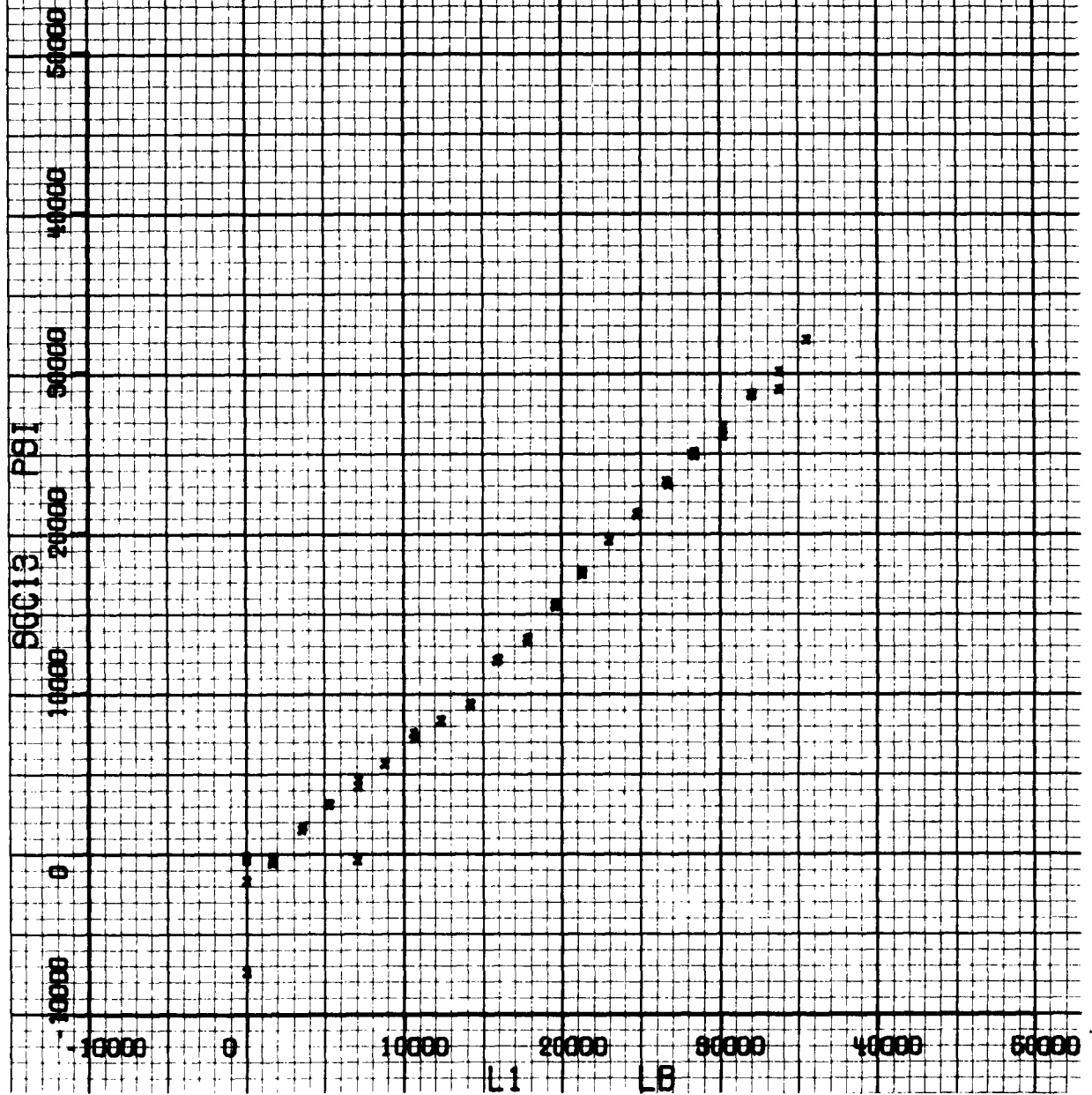
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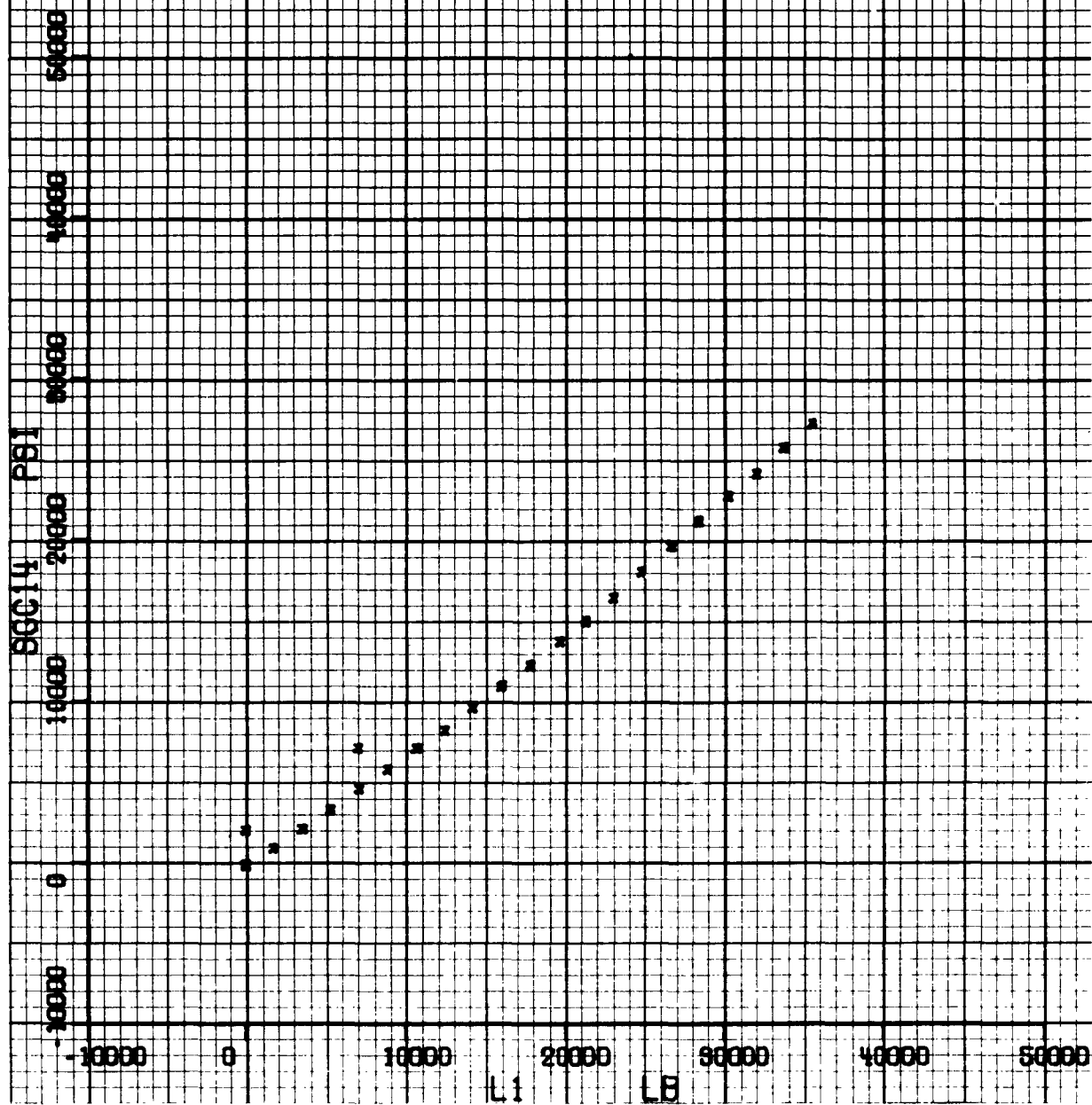
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TEST 020 9/9



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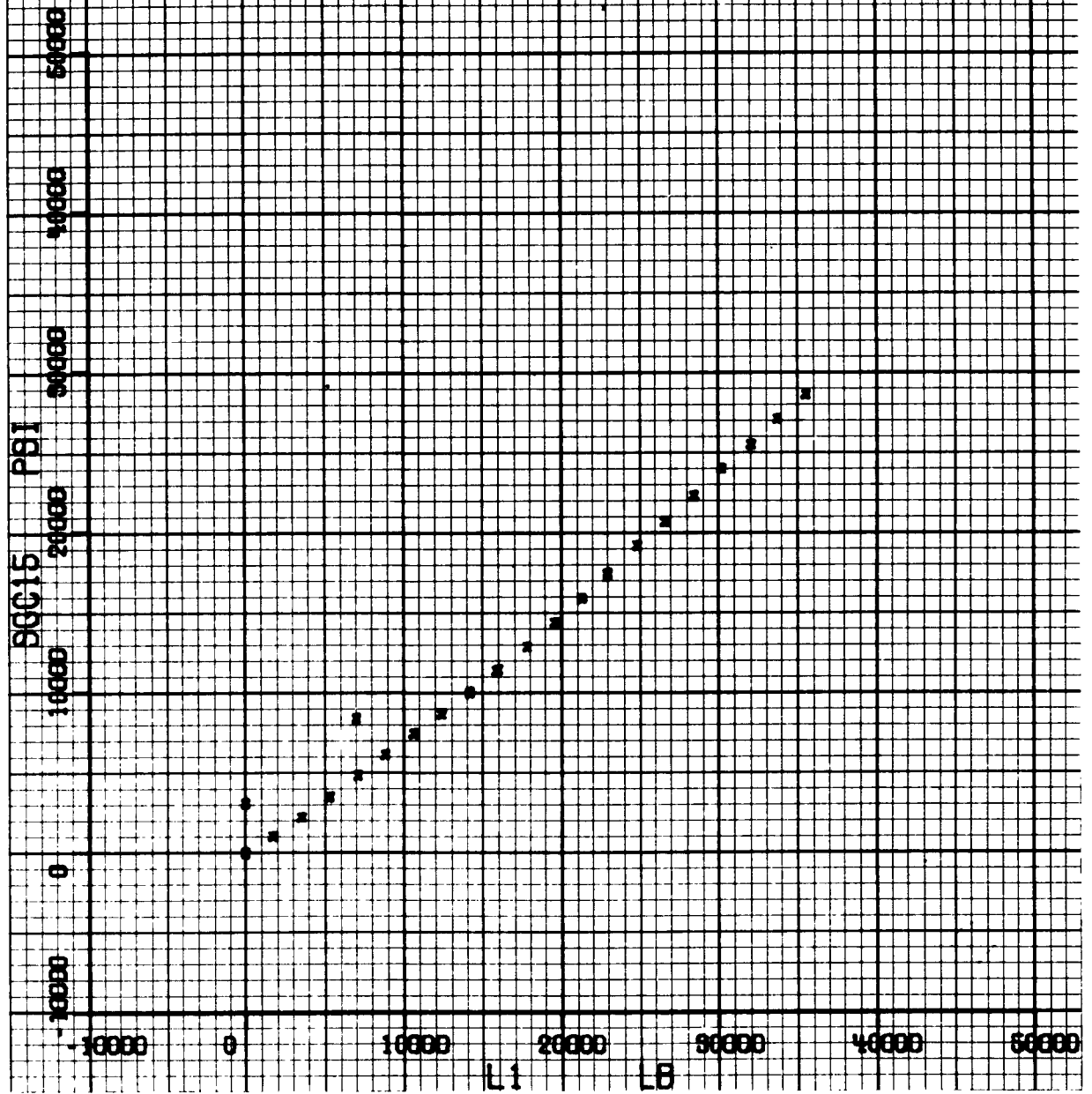
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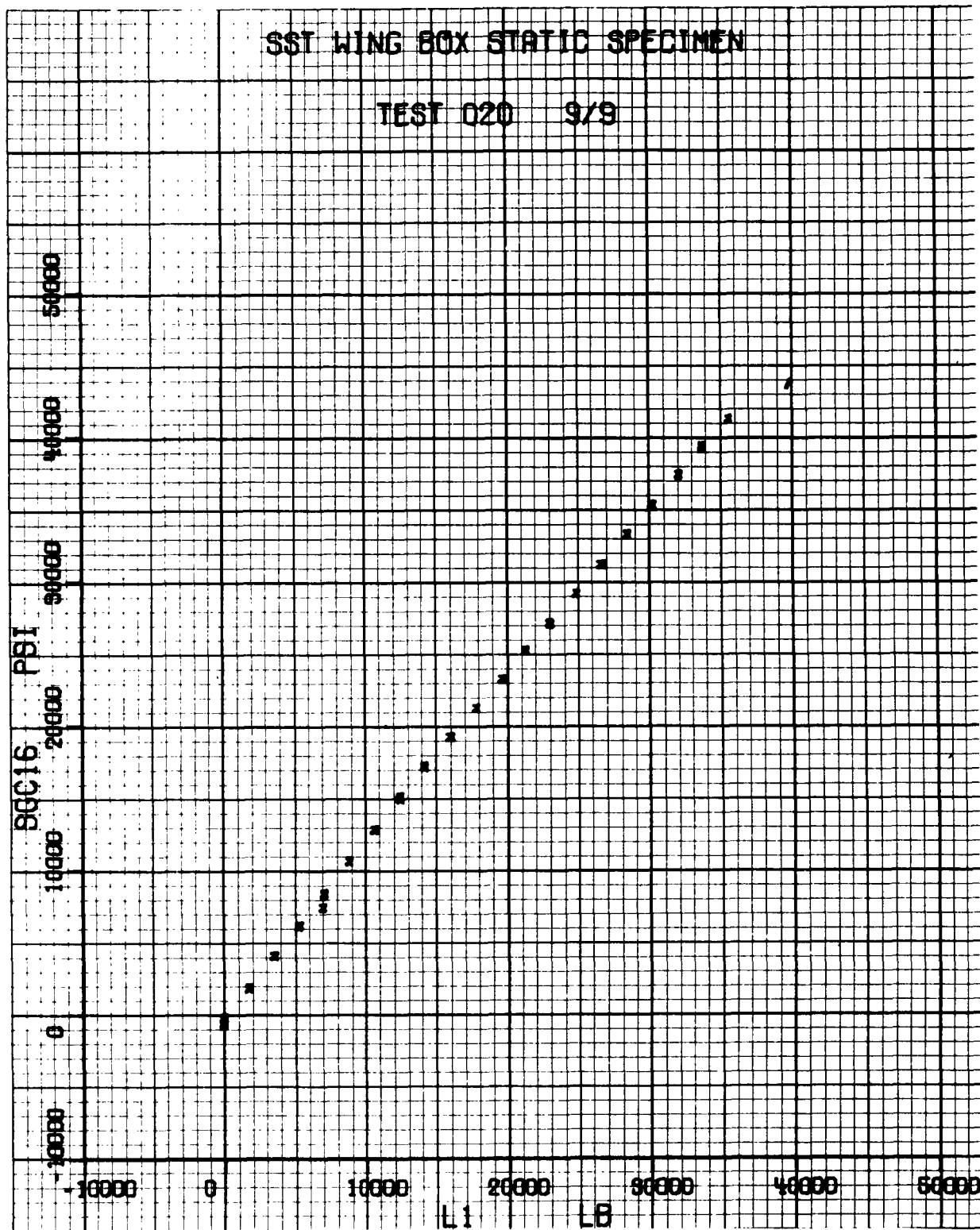




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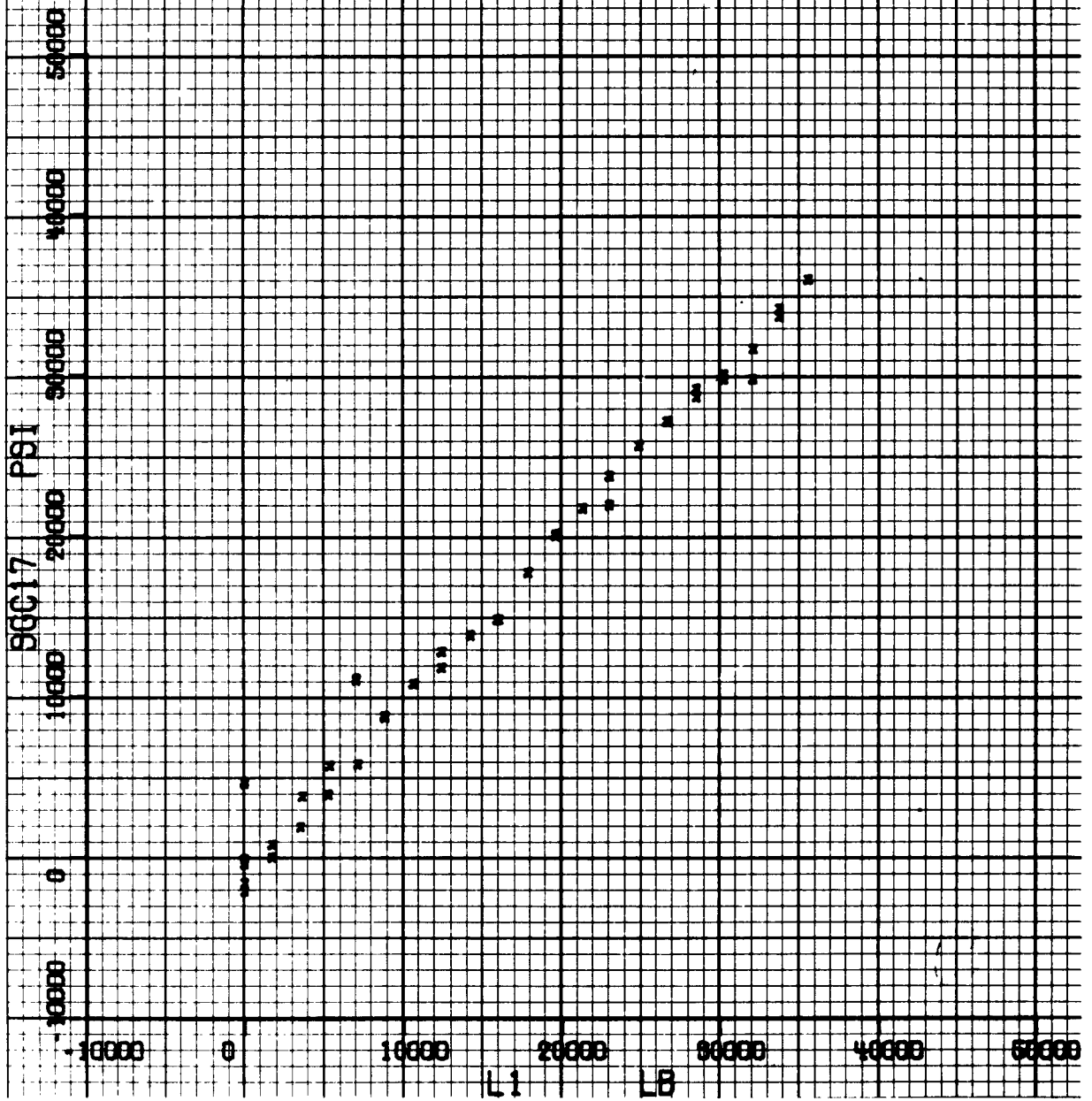
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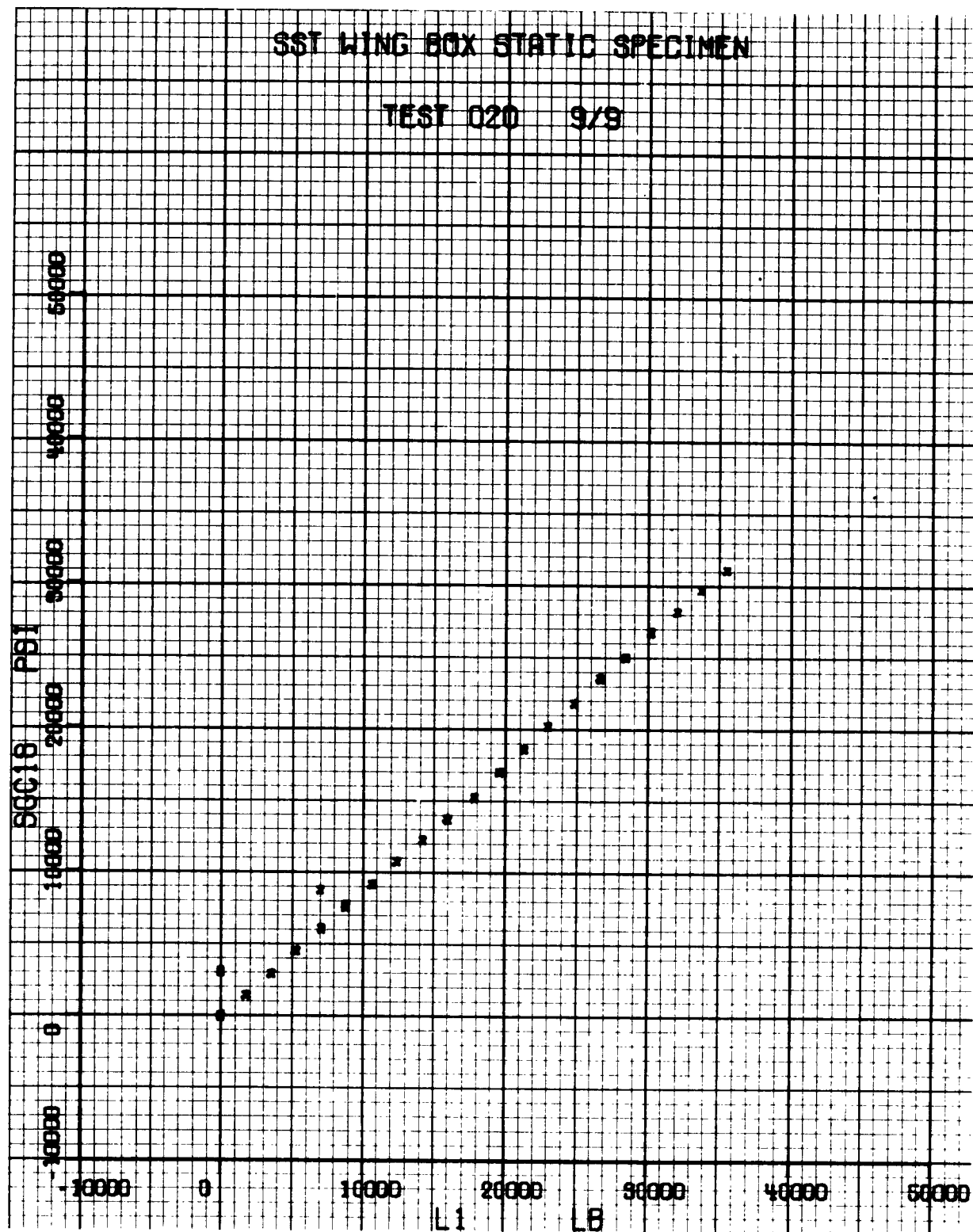


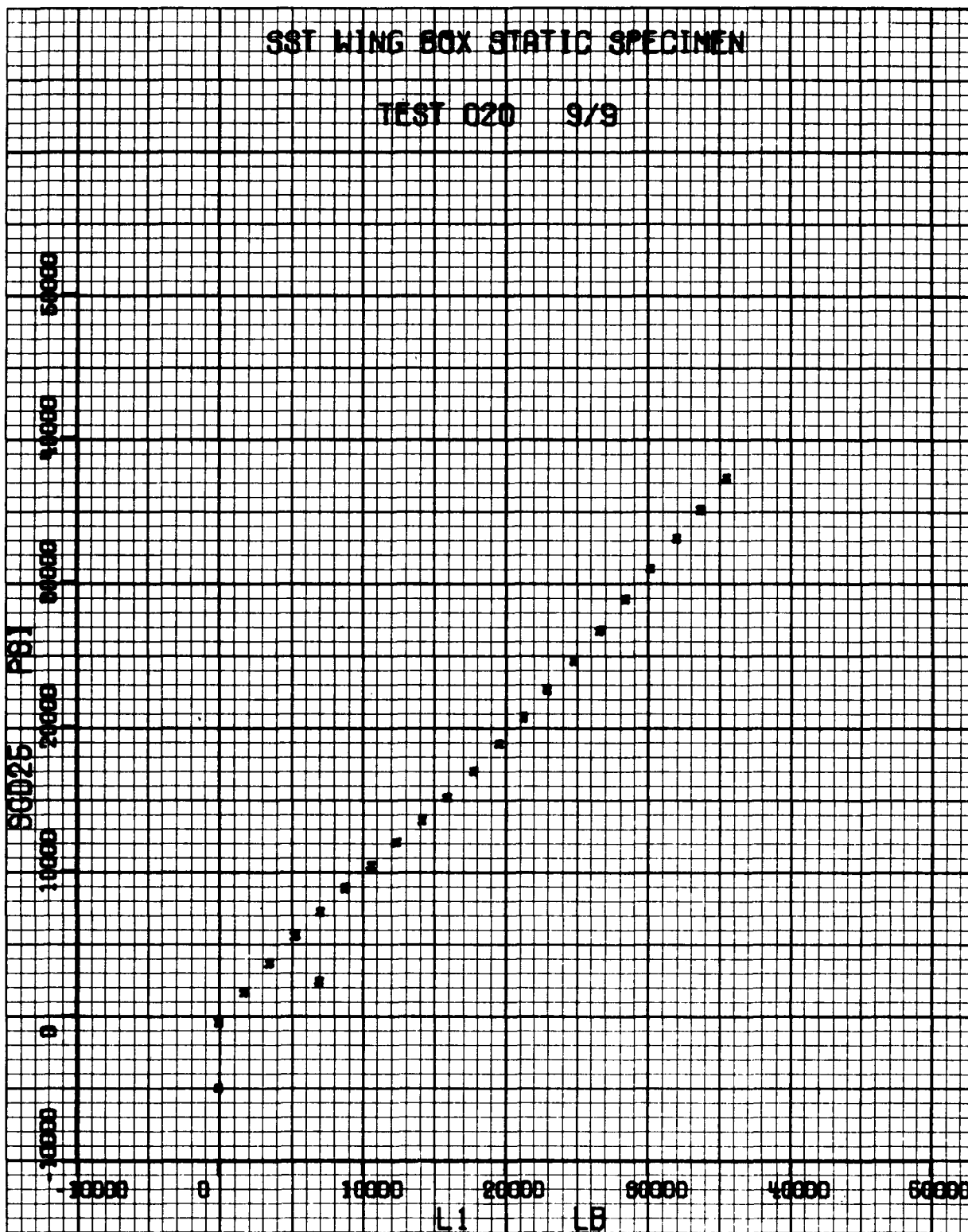


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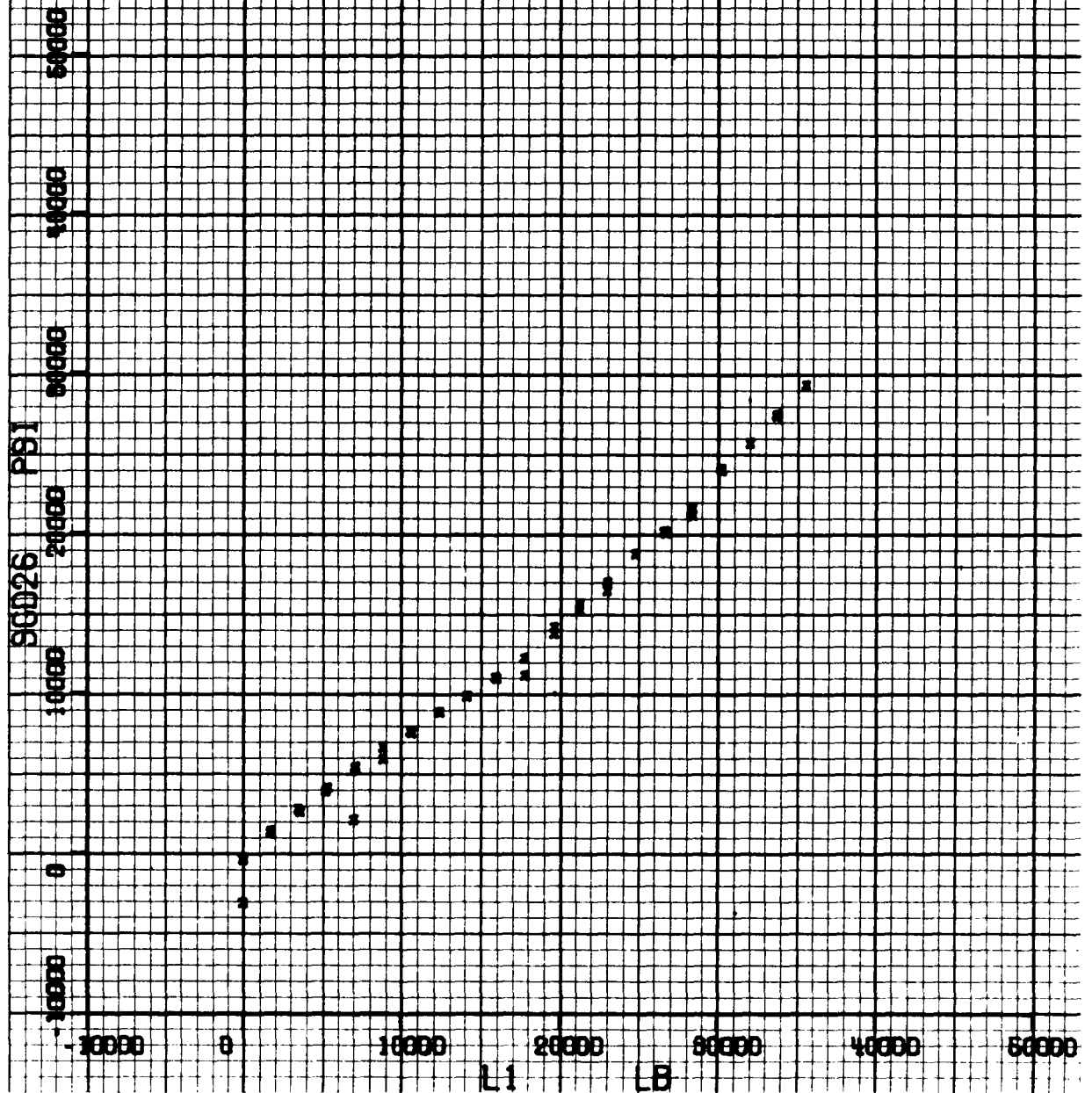






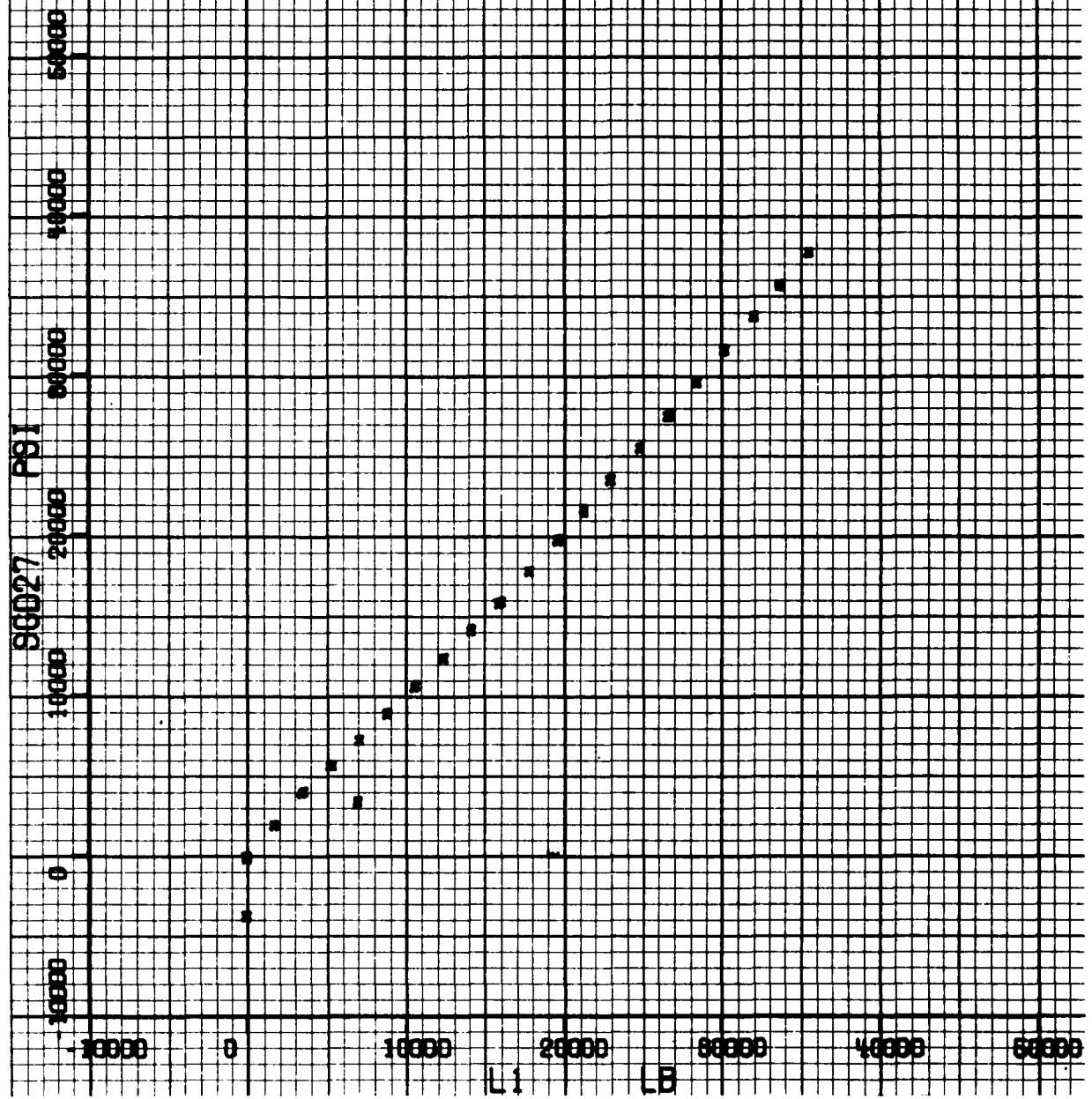
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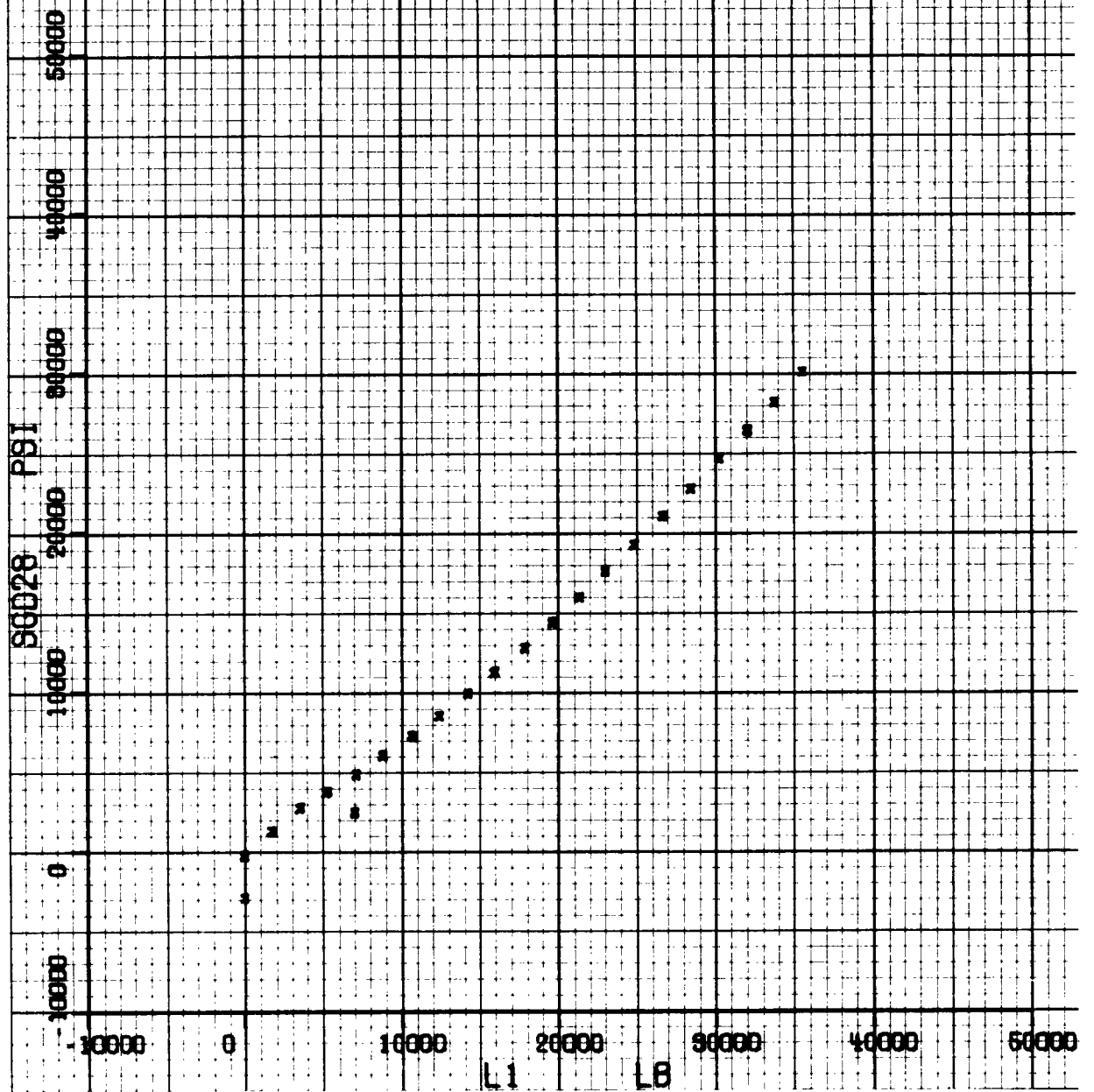
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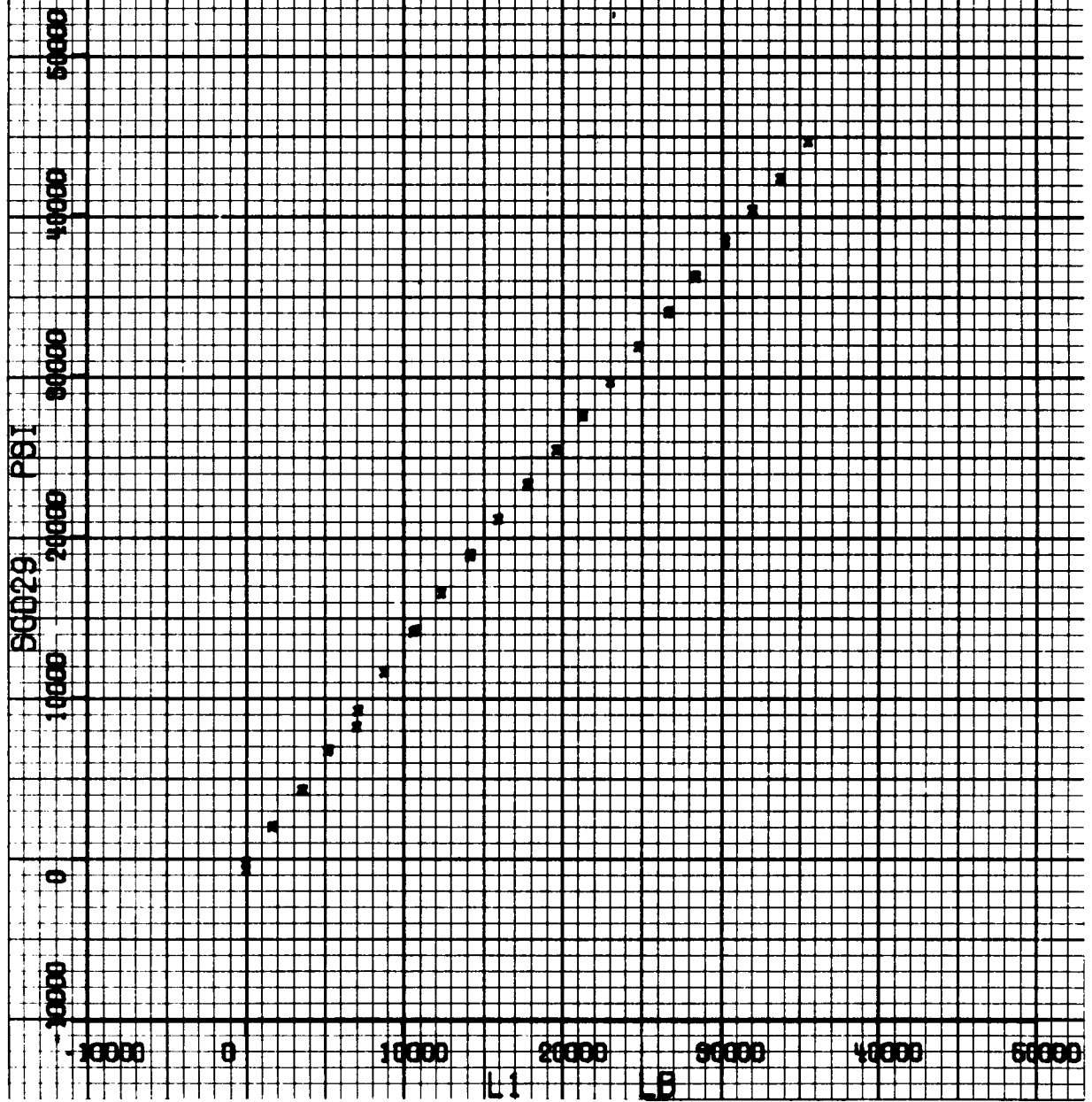
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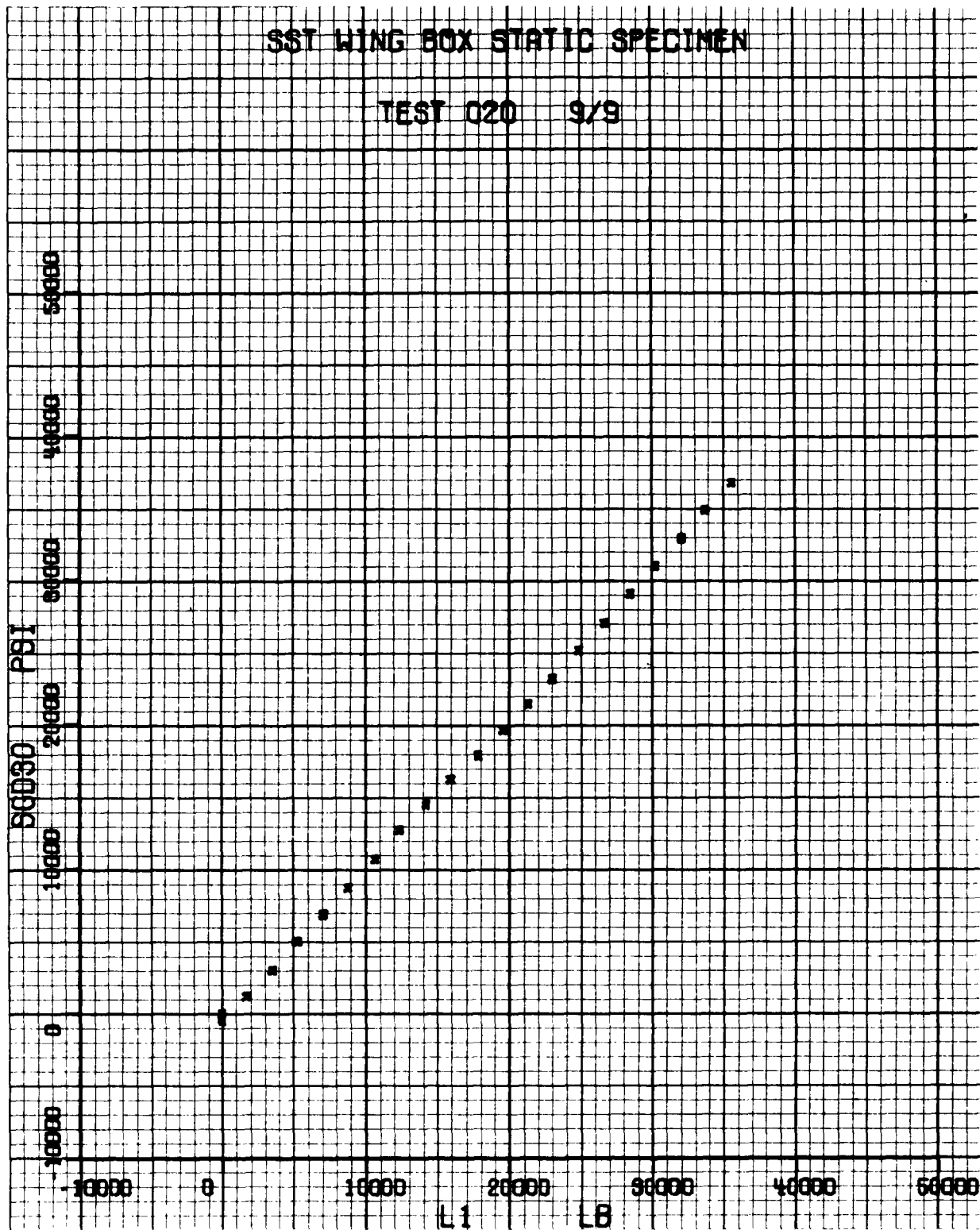


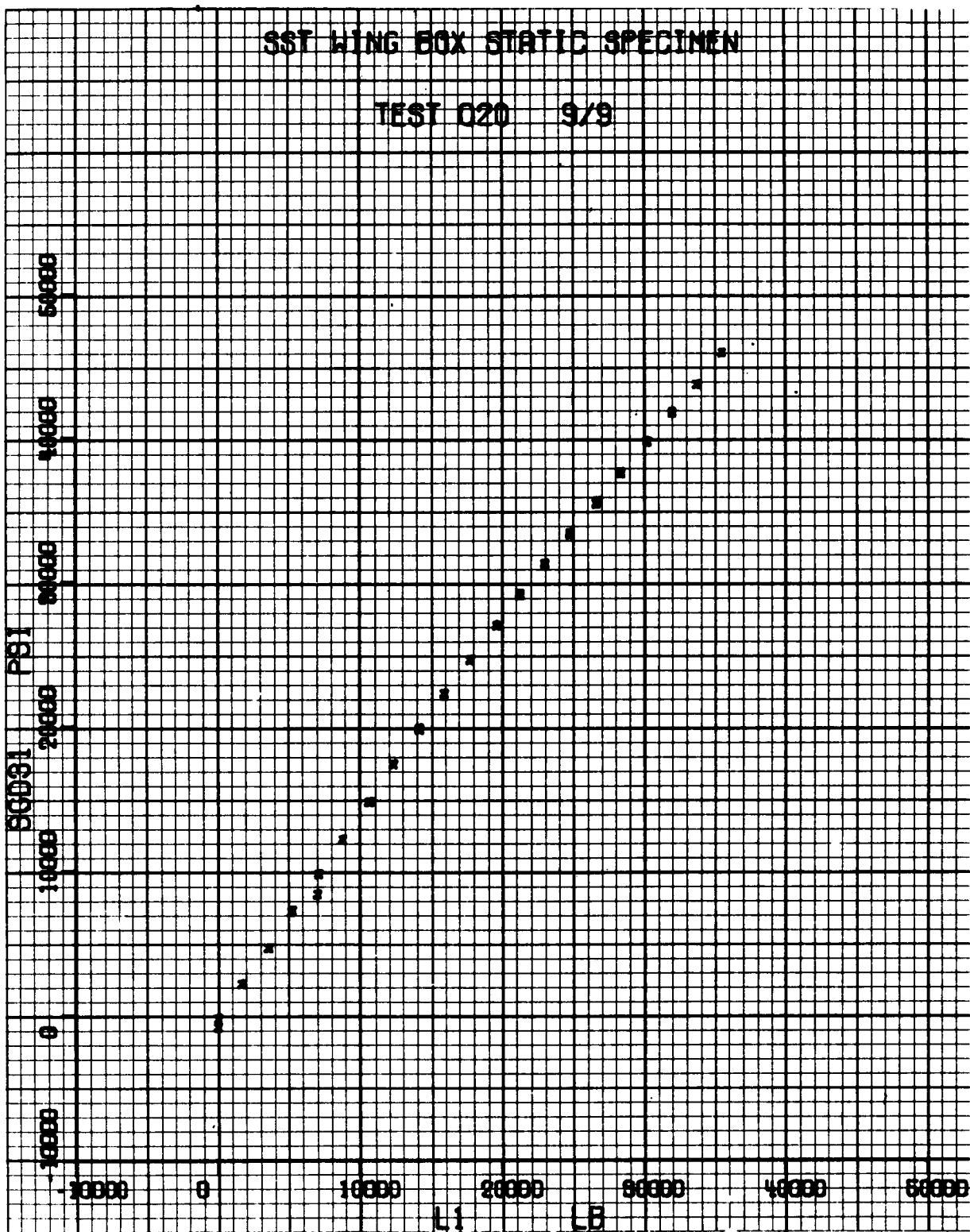


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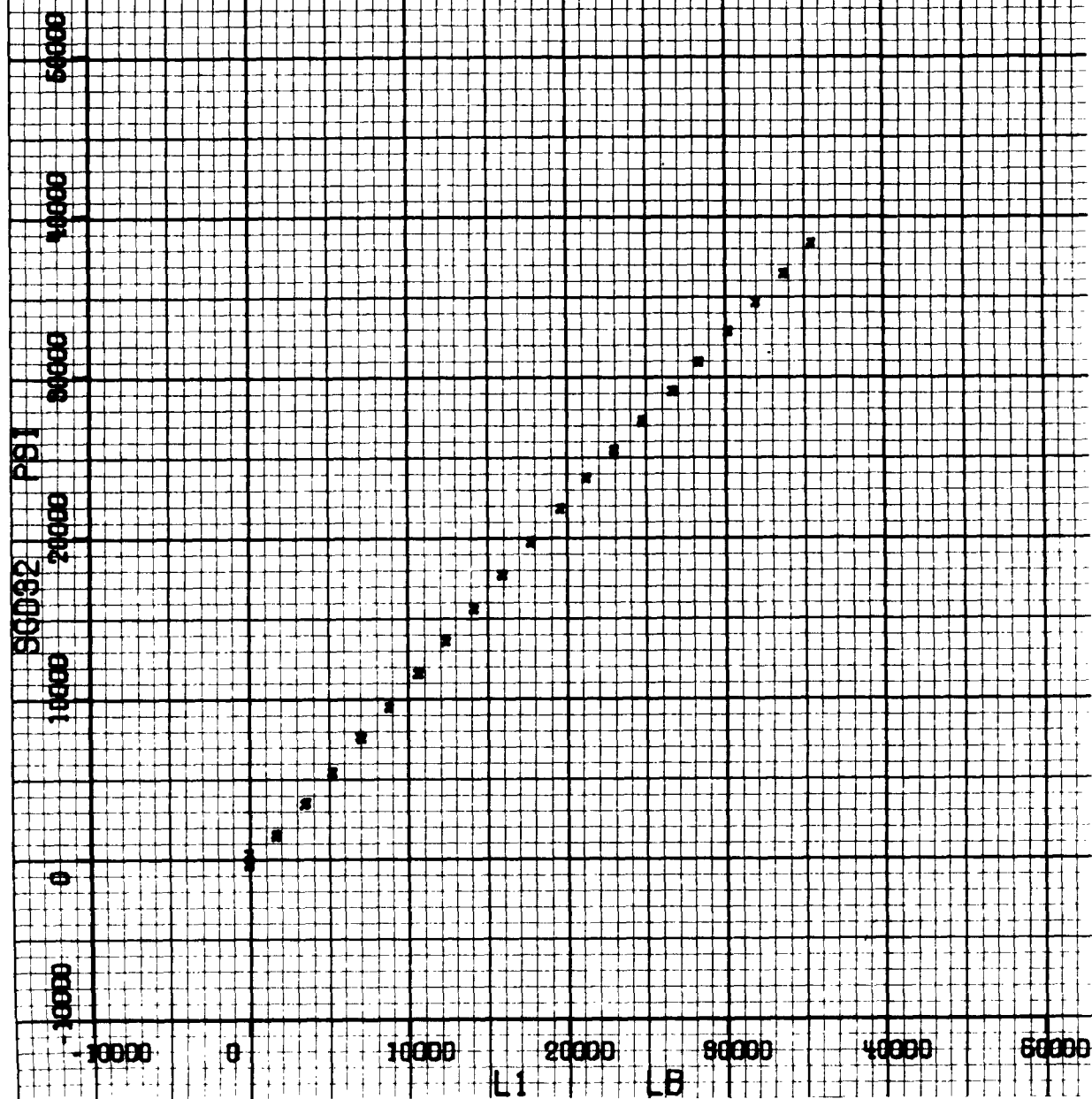


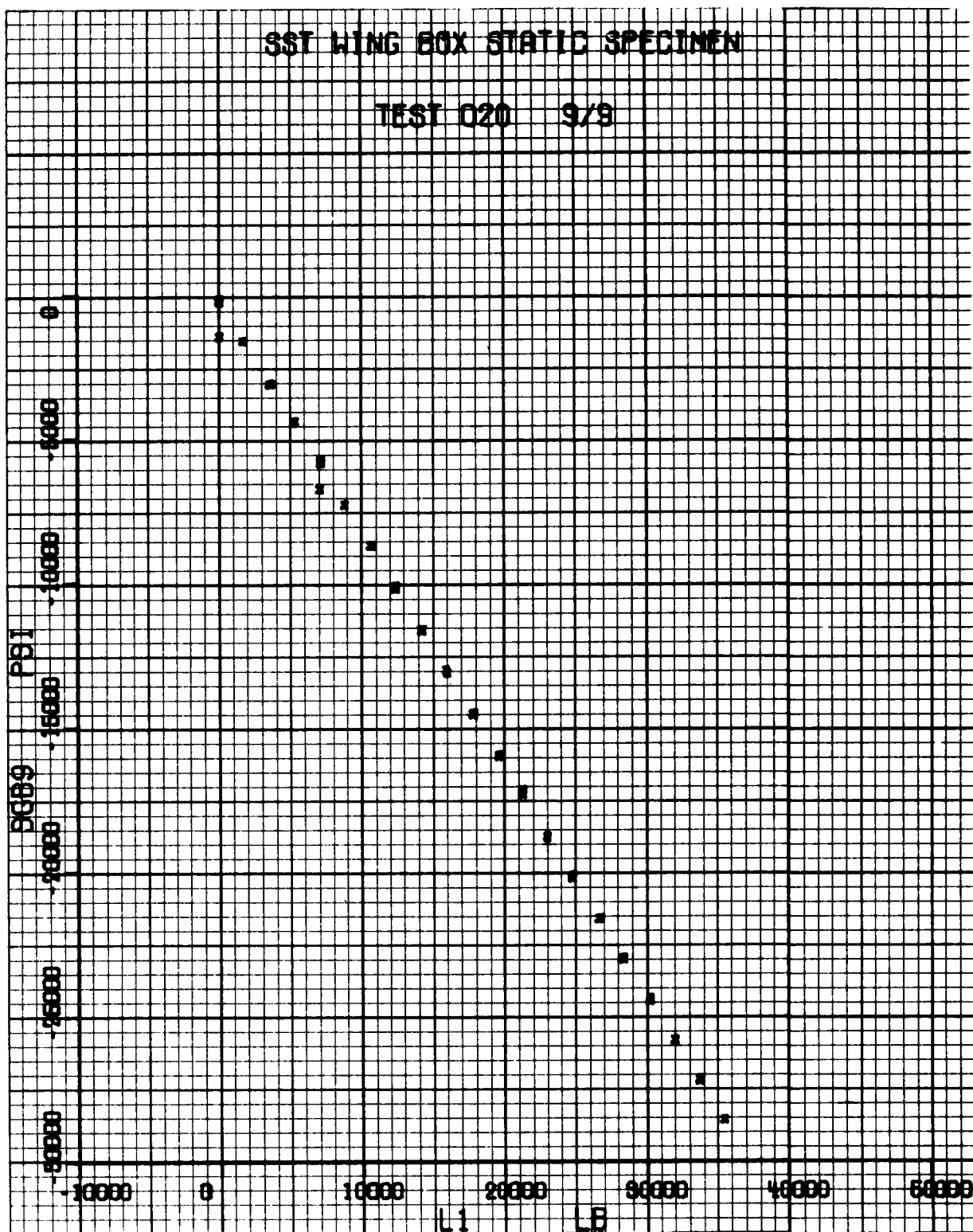




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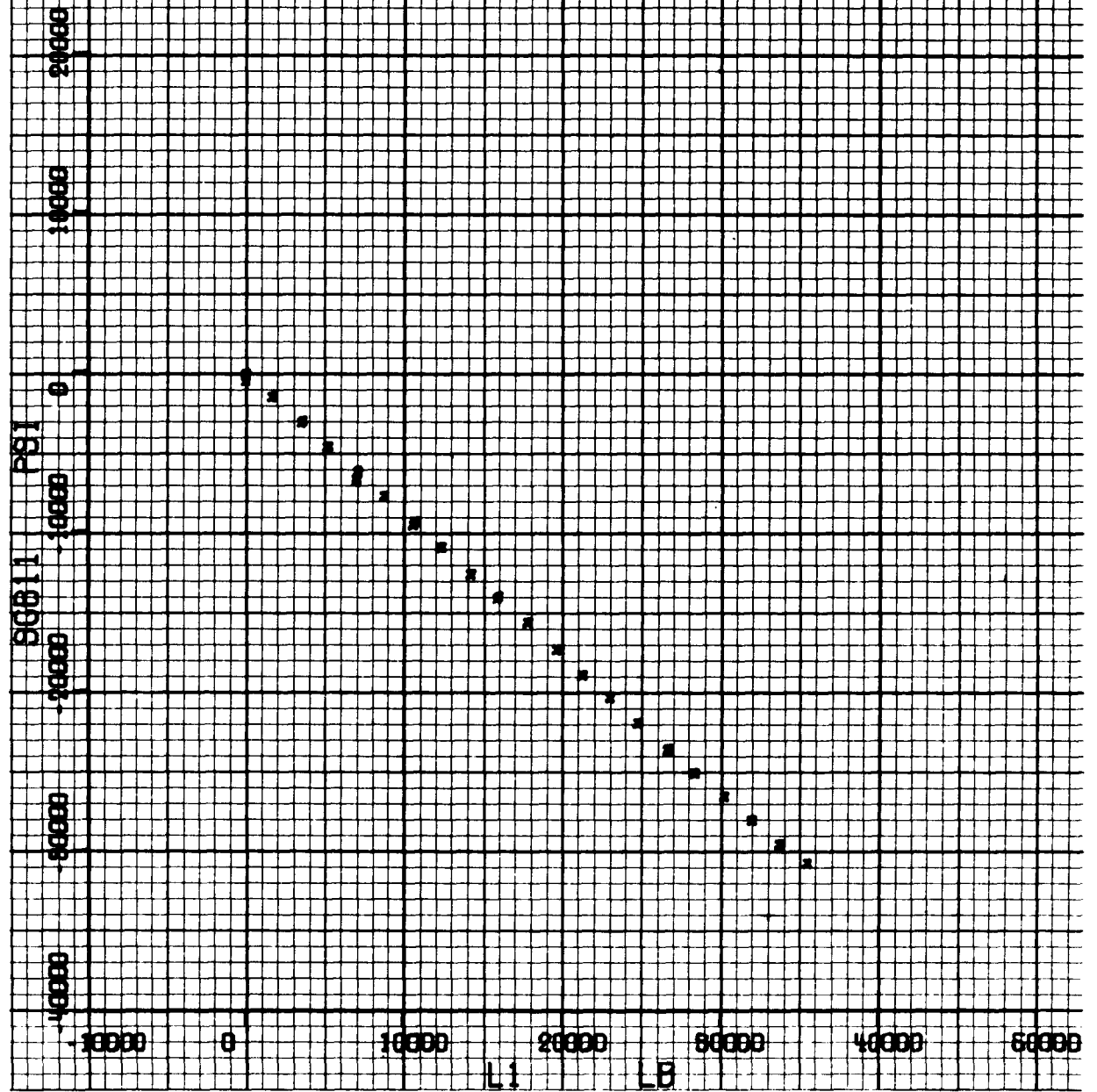
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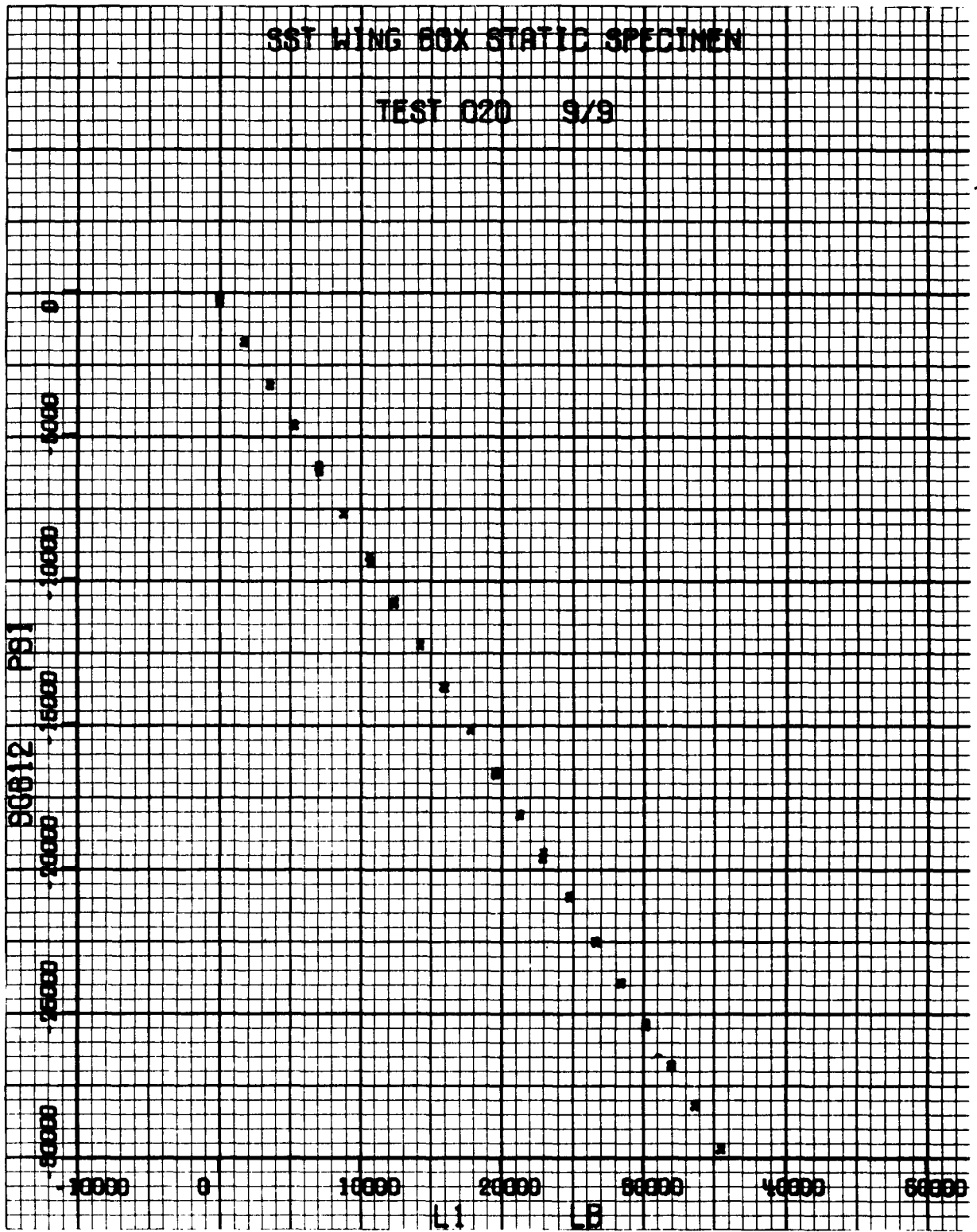




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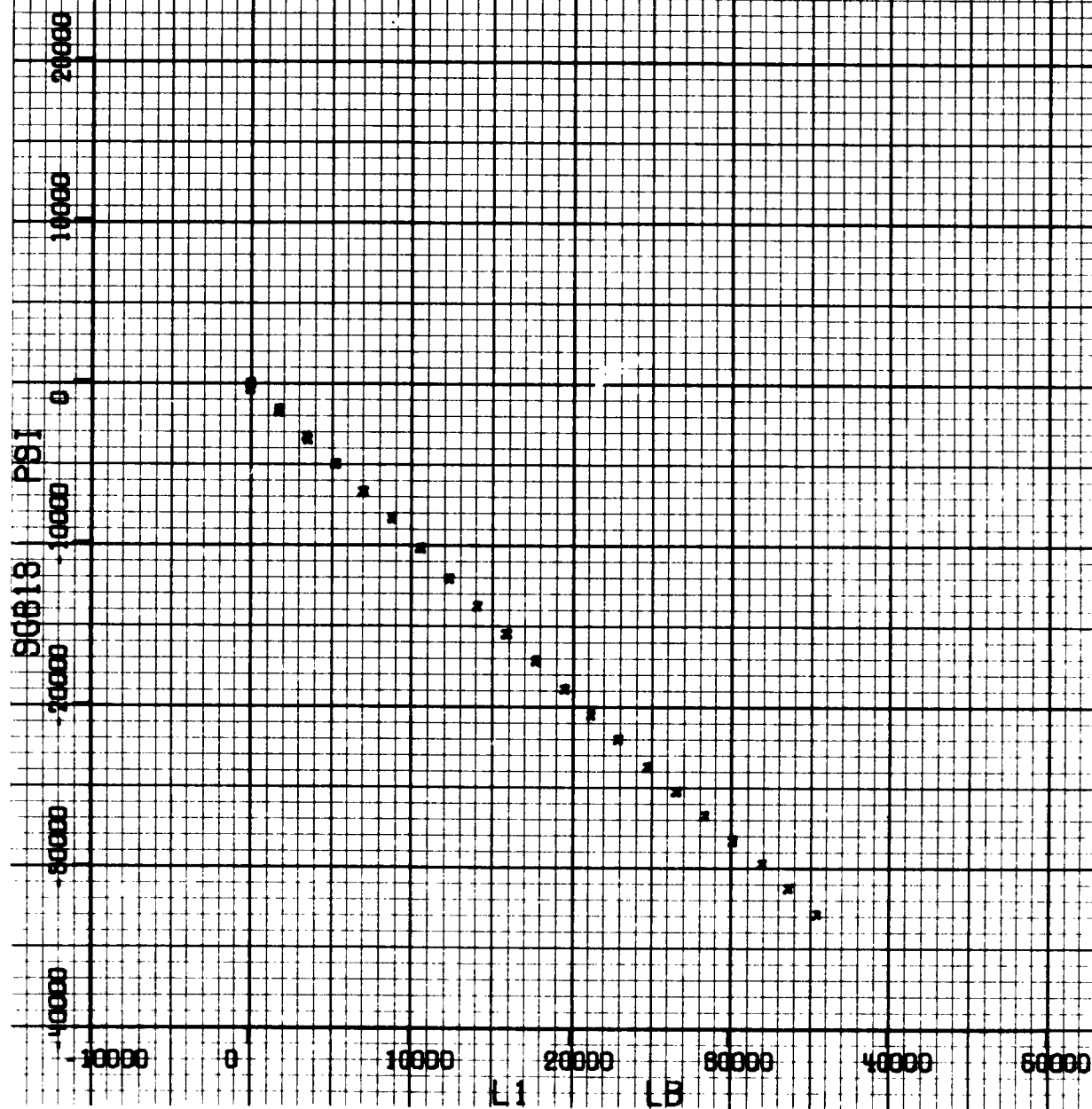
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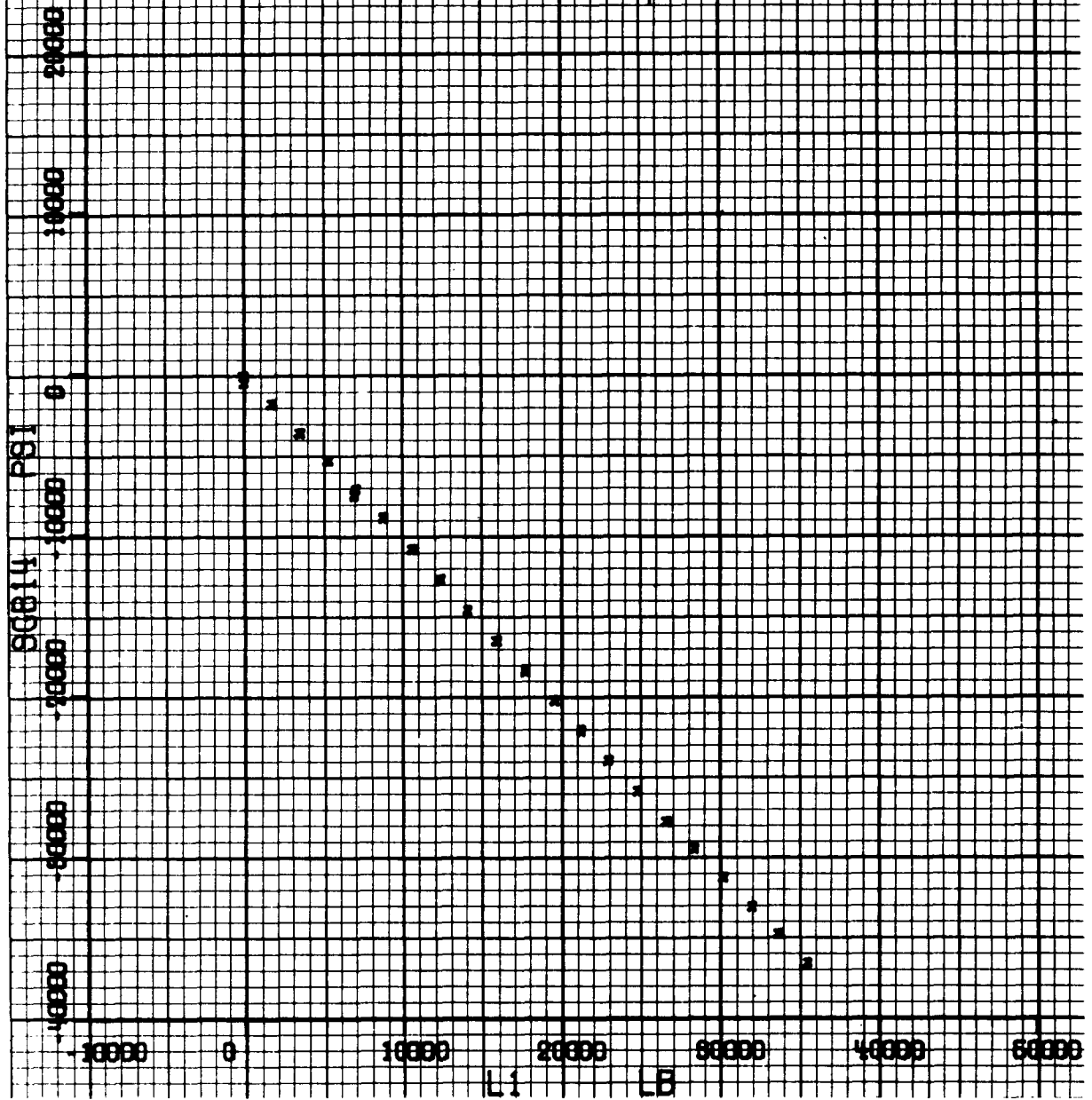
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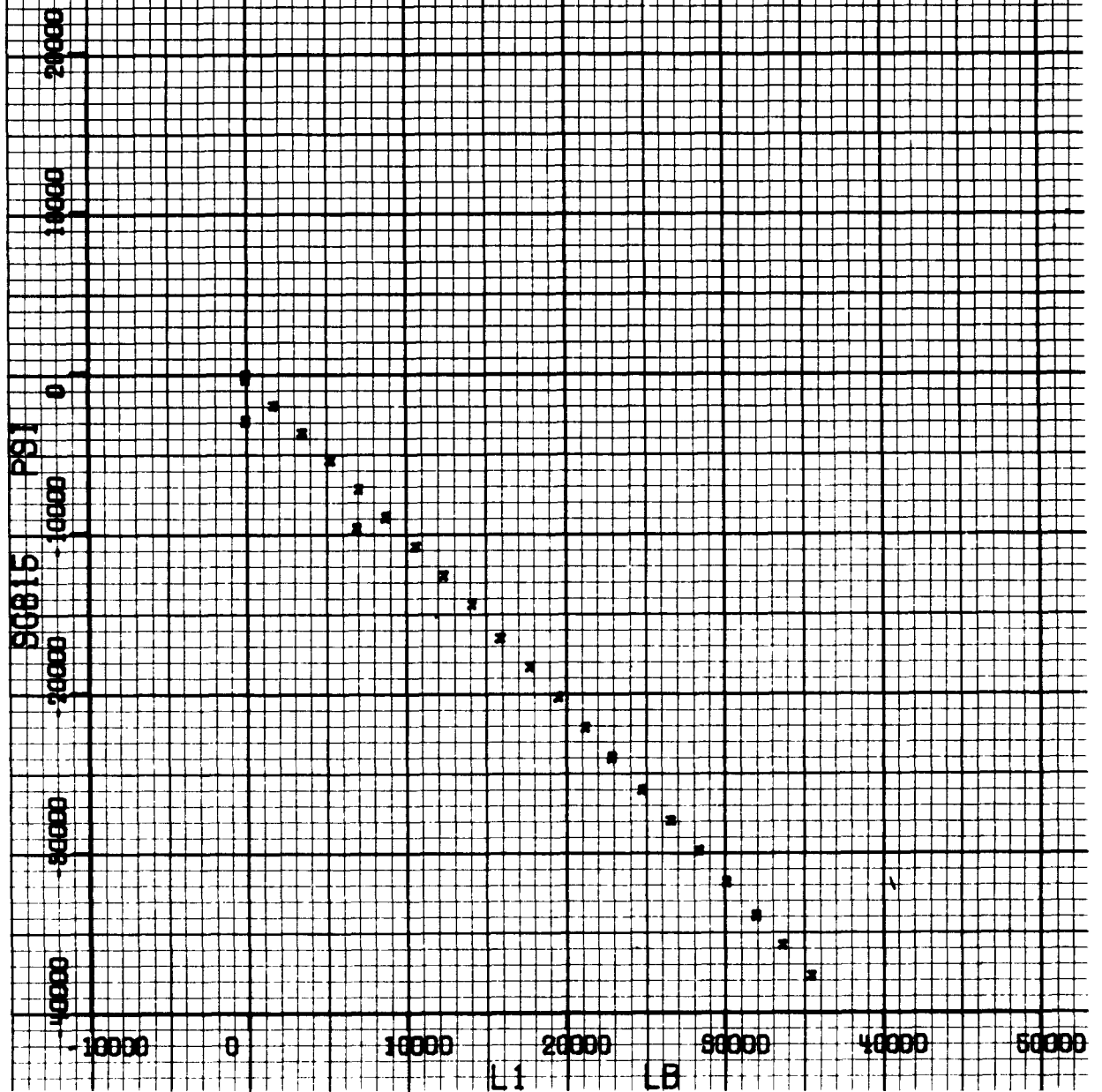
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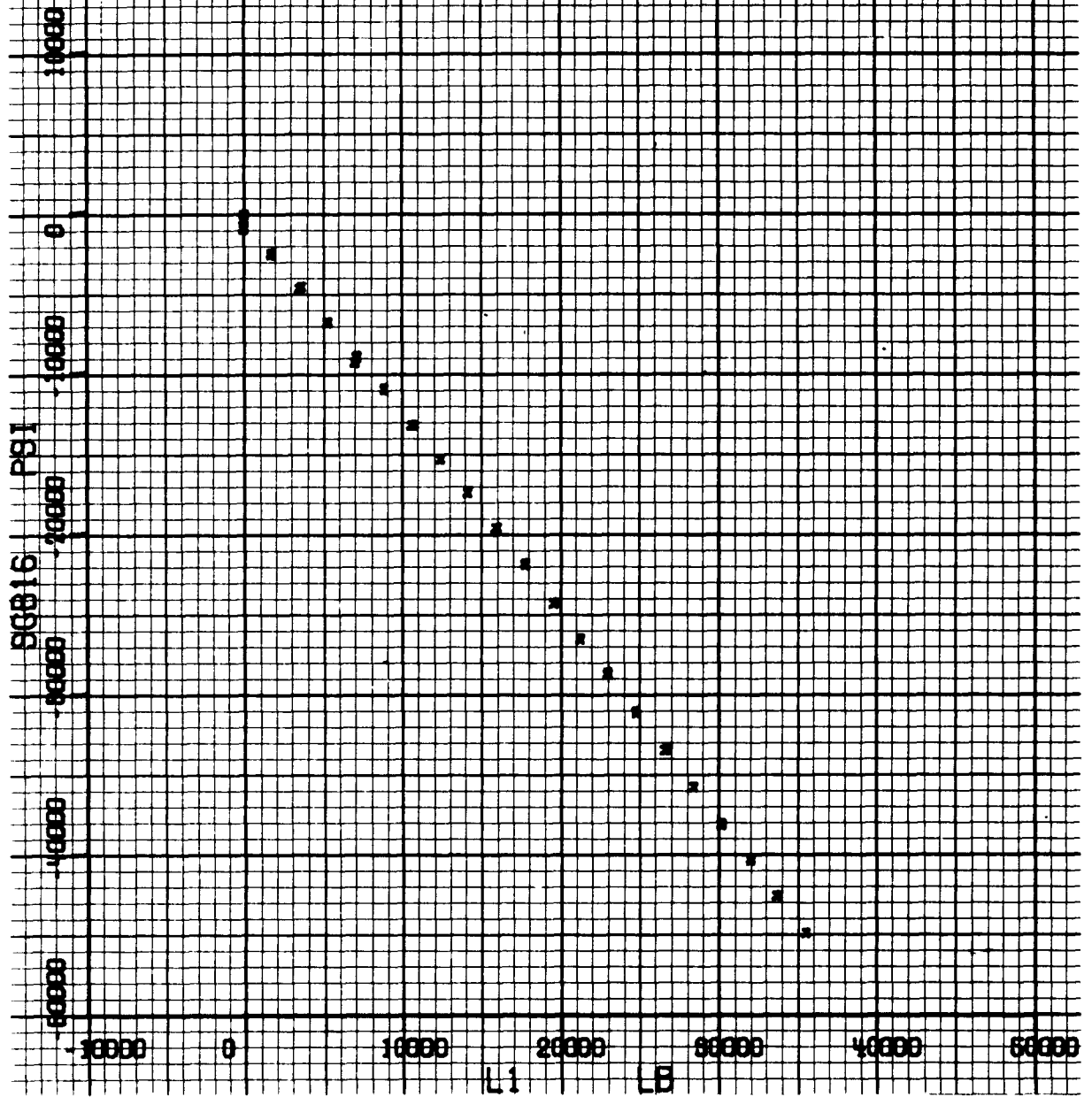
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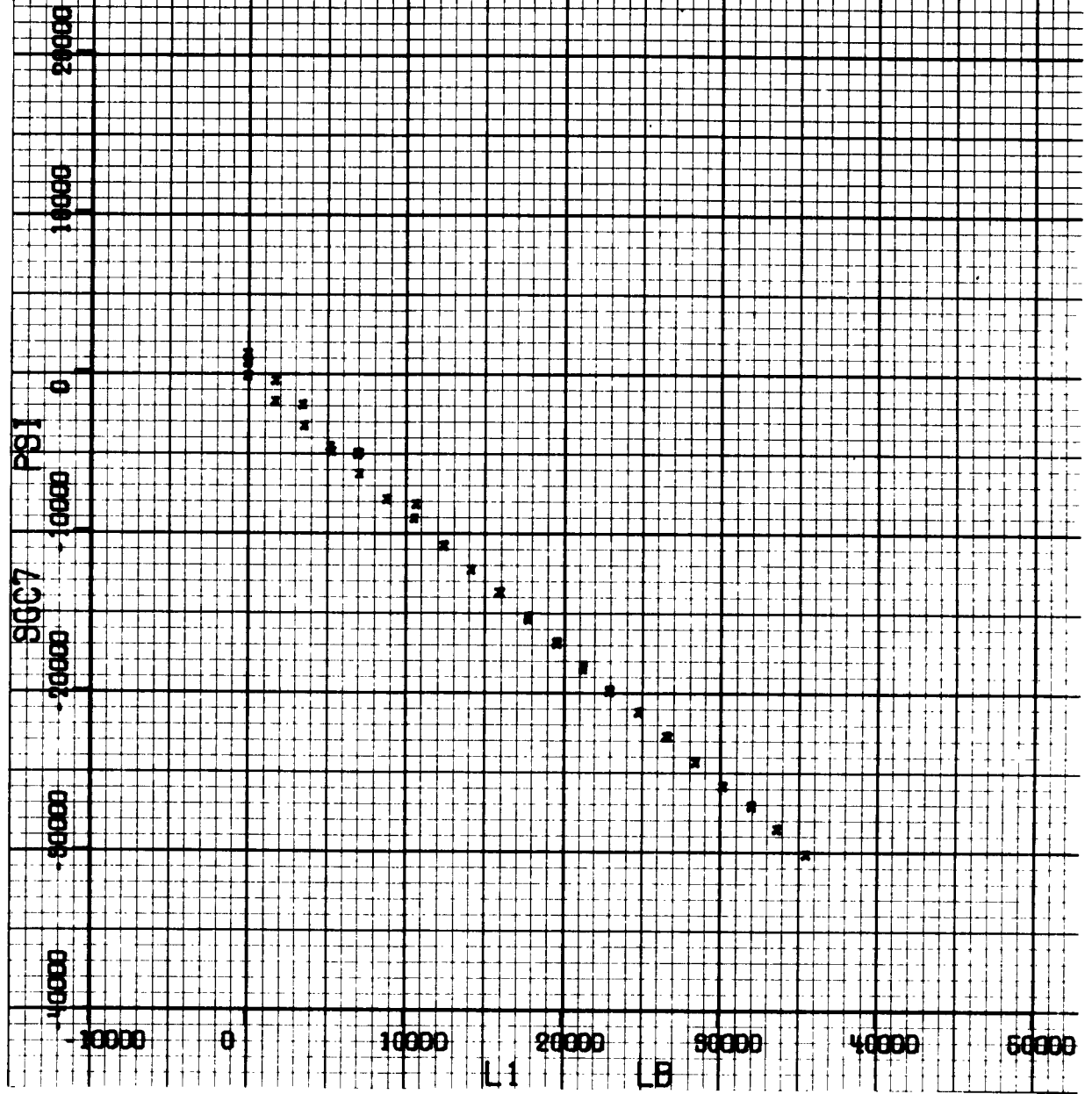
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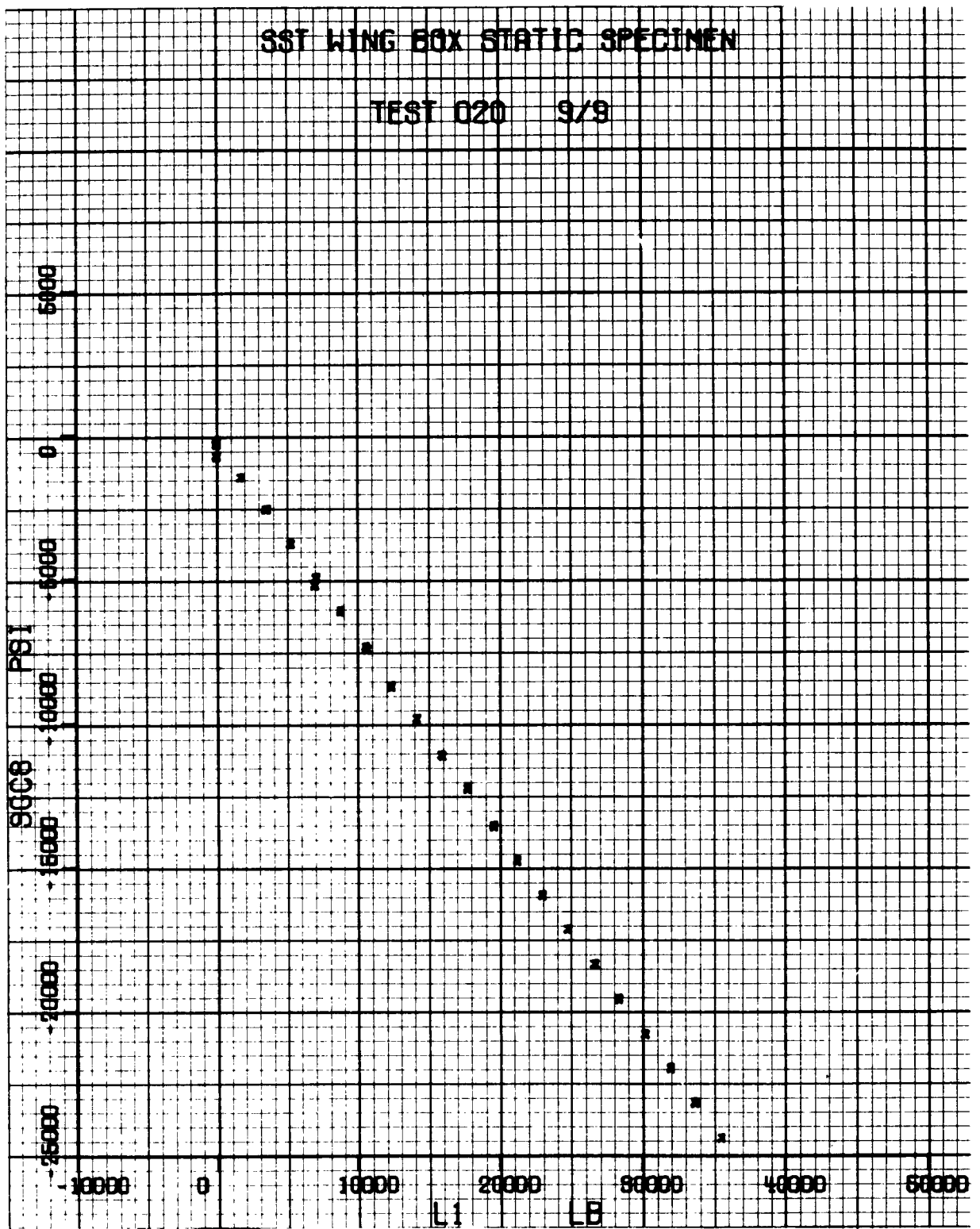
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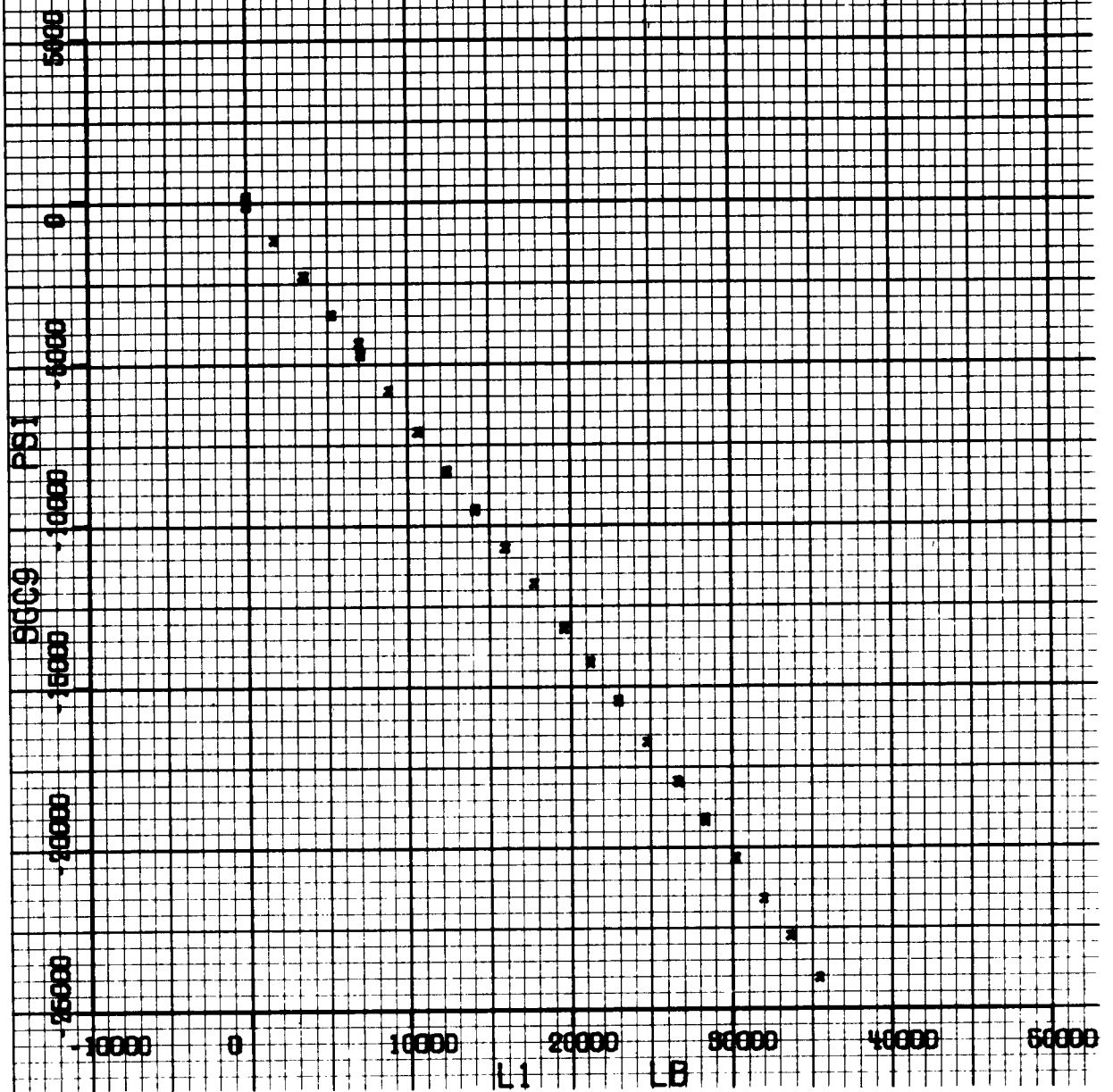
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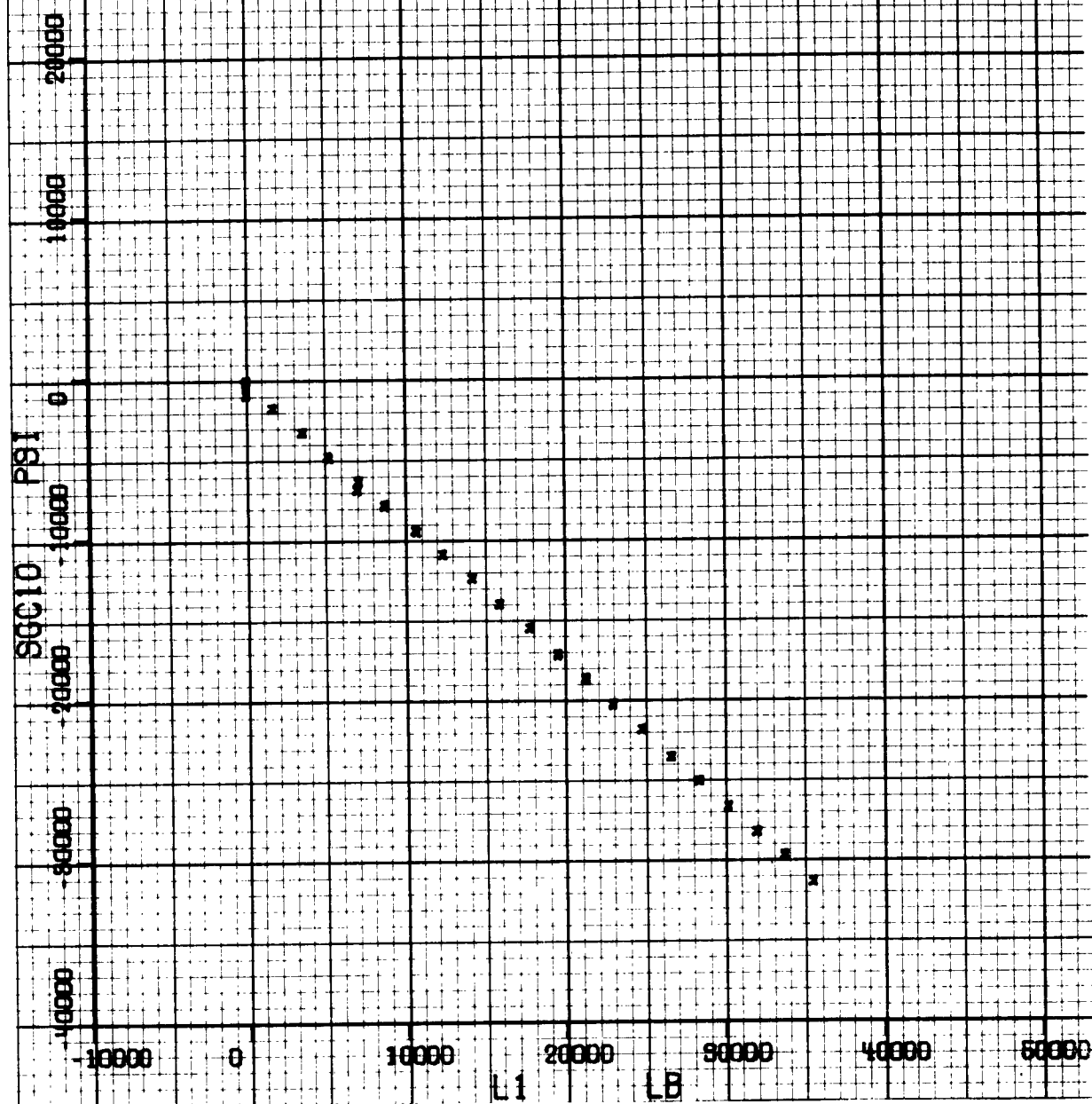
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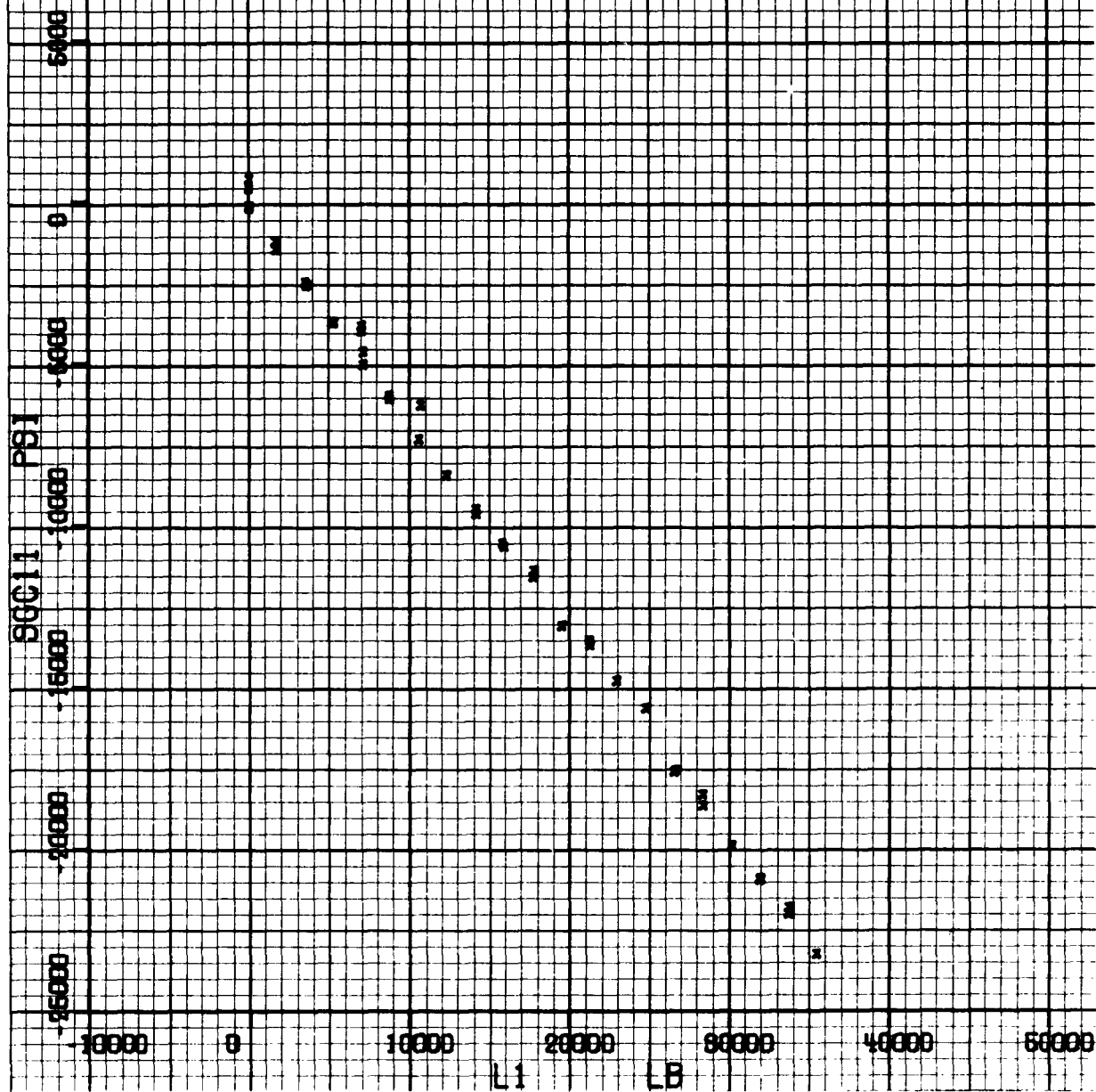
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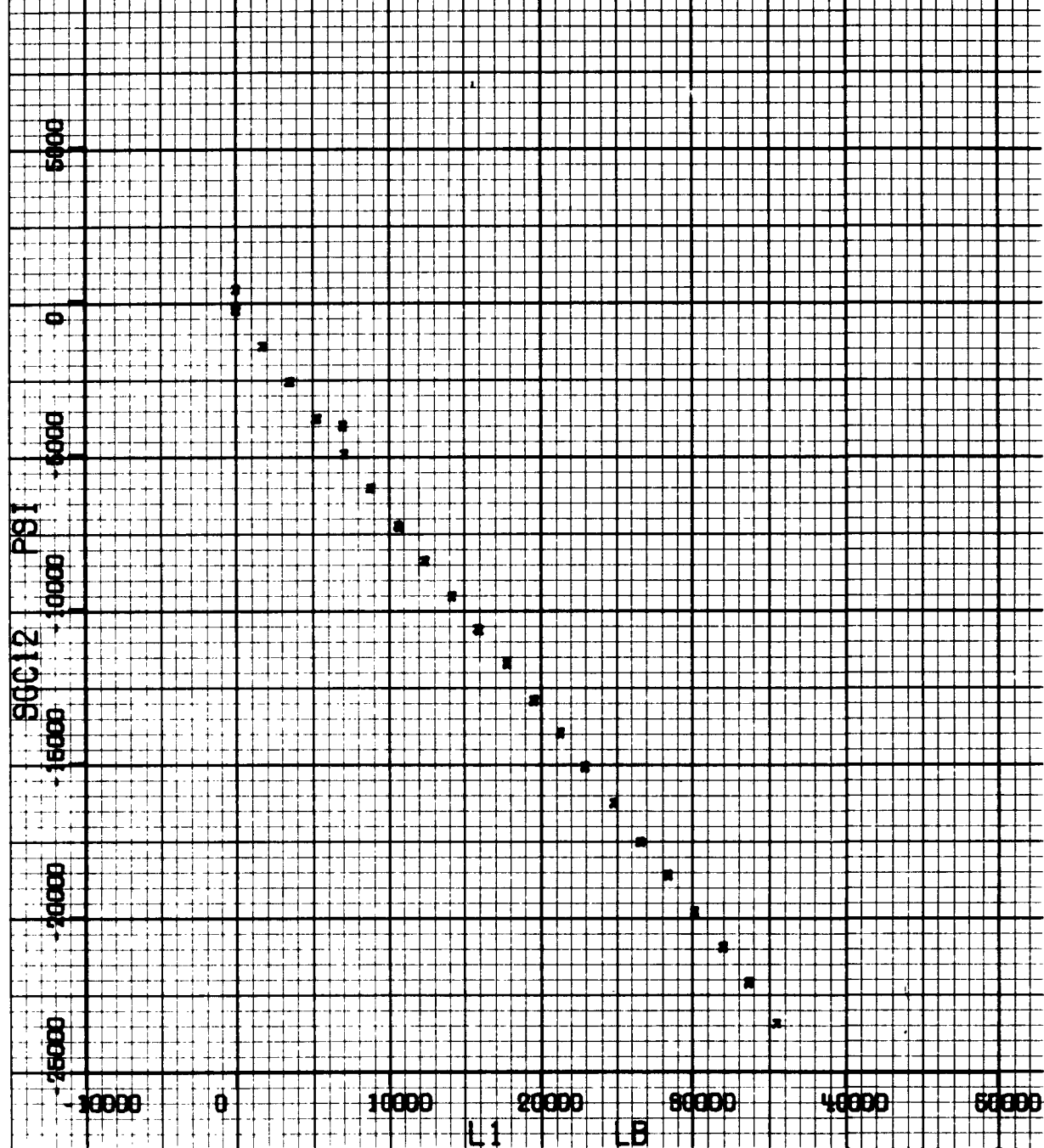
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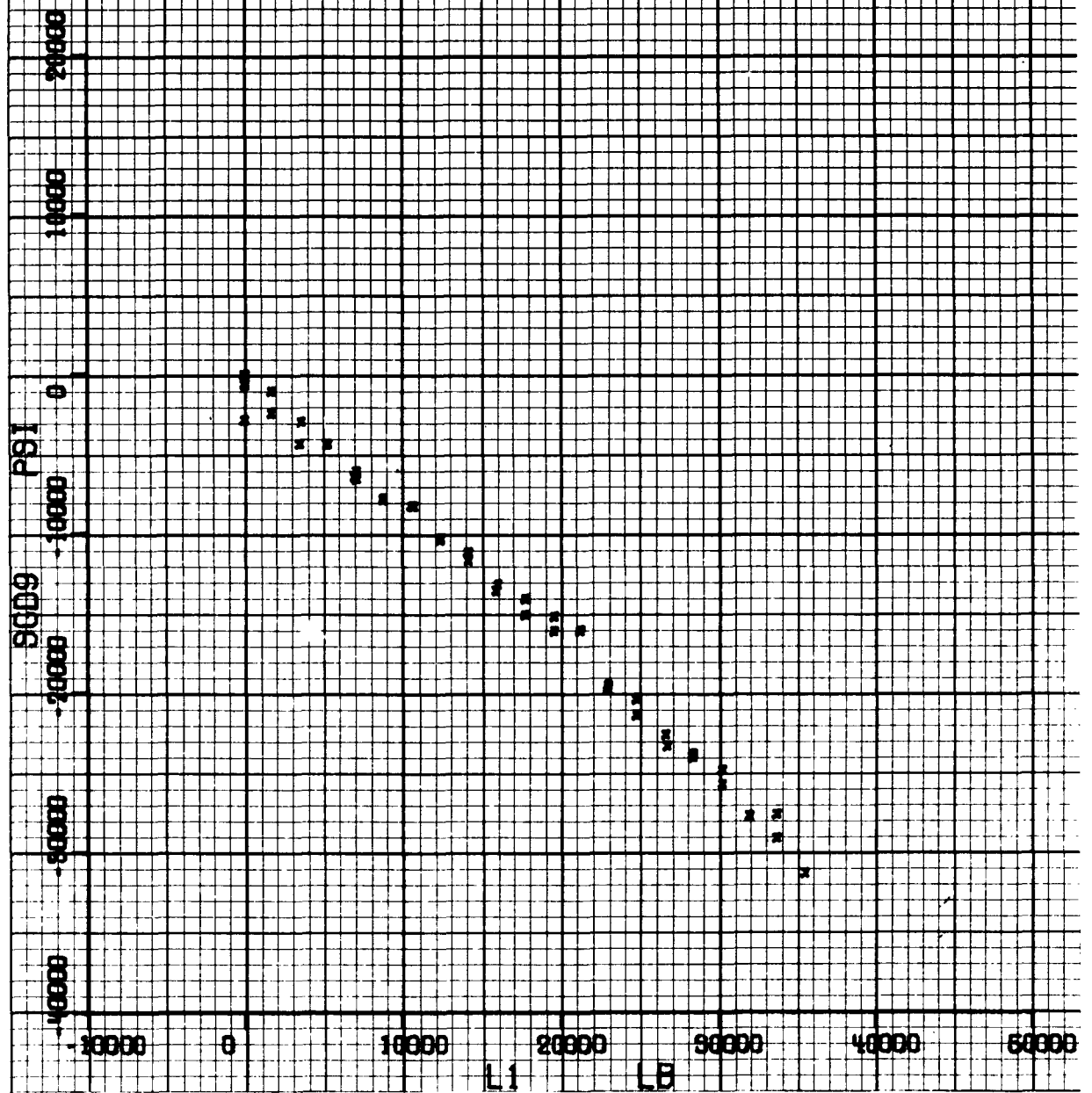
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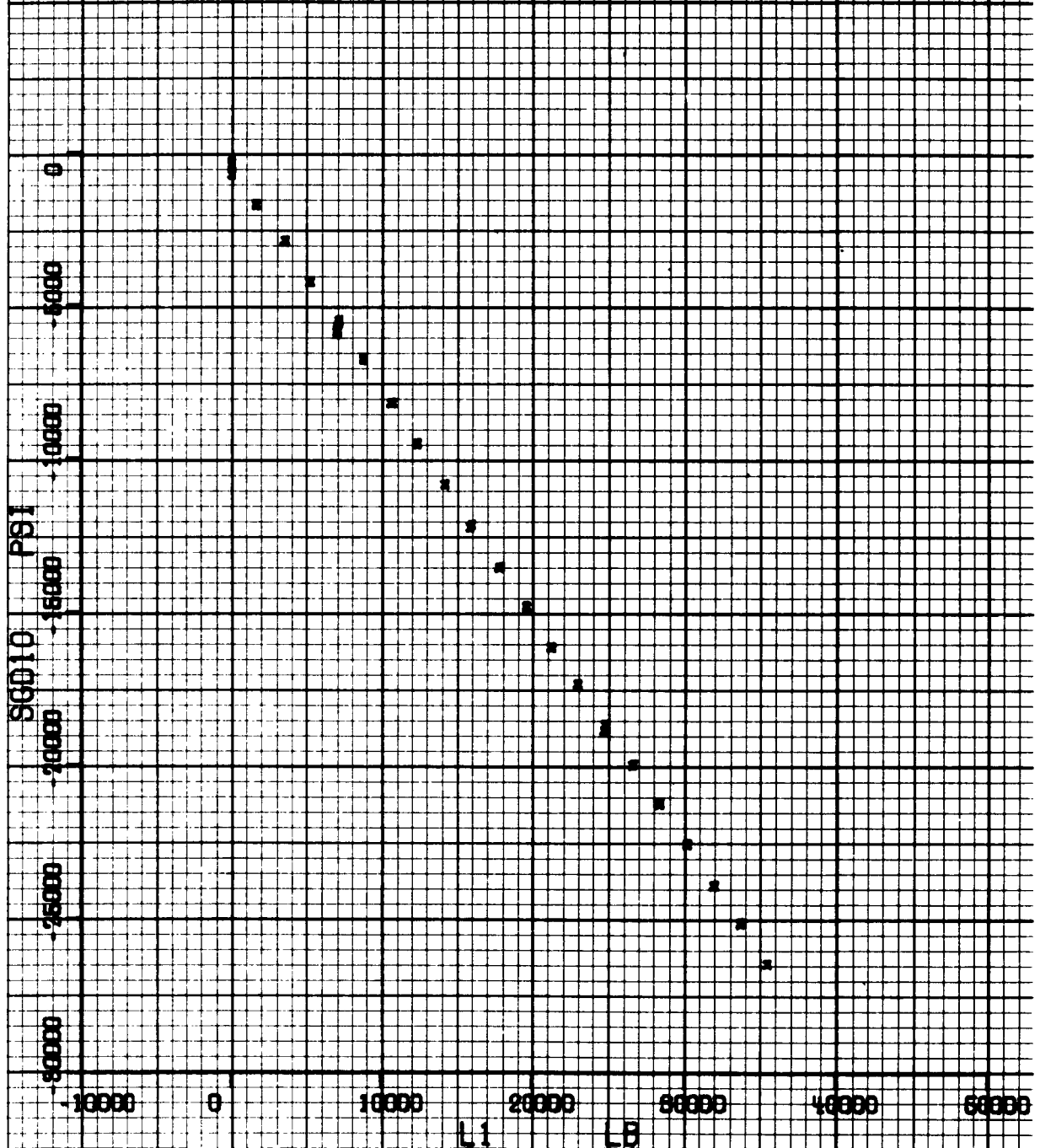
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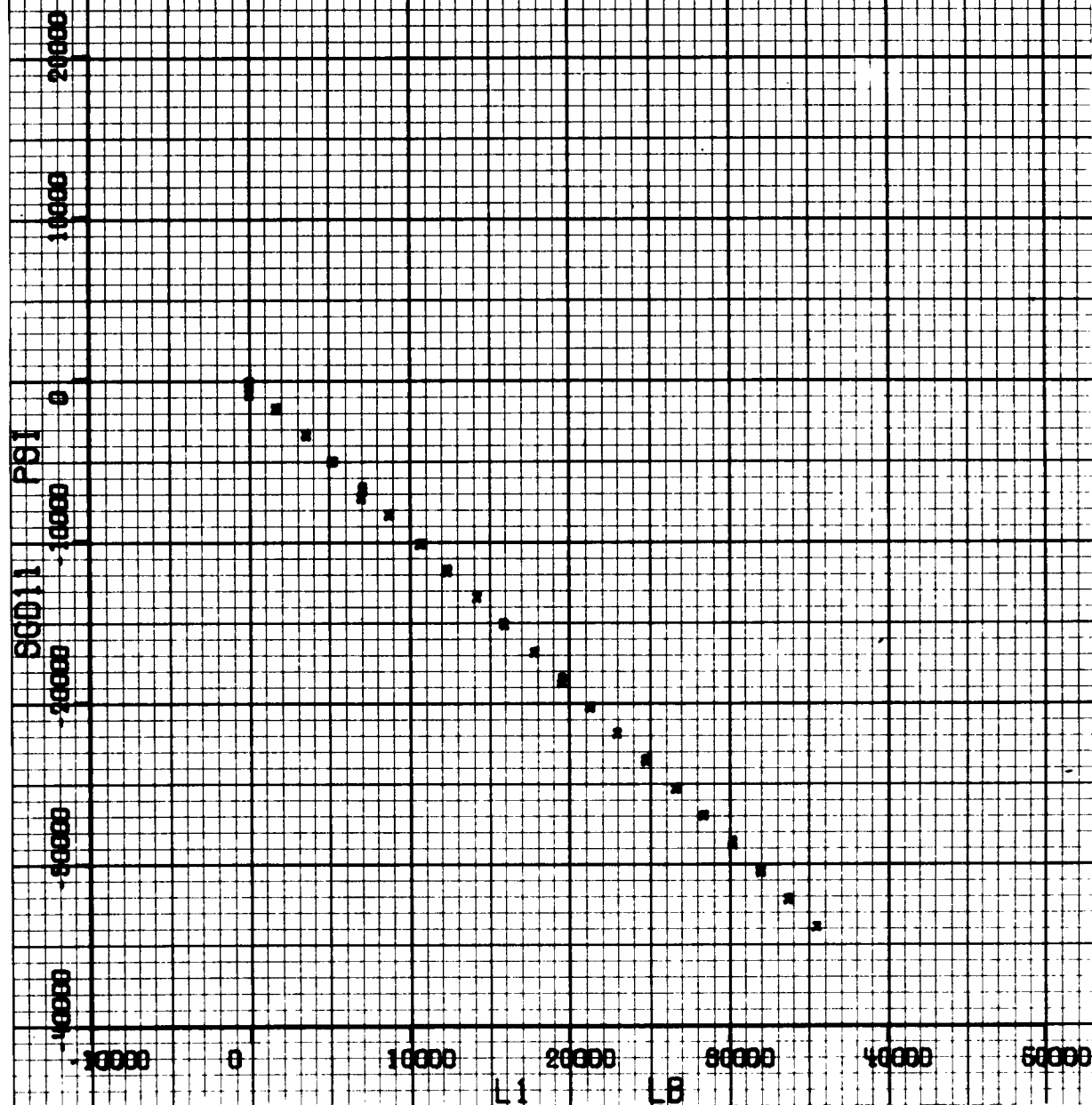
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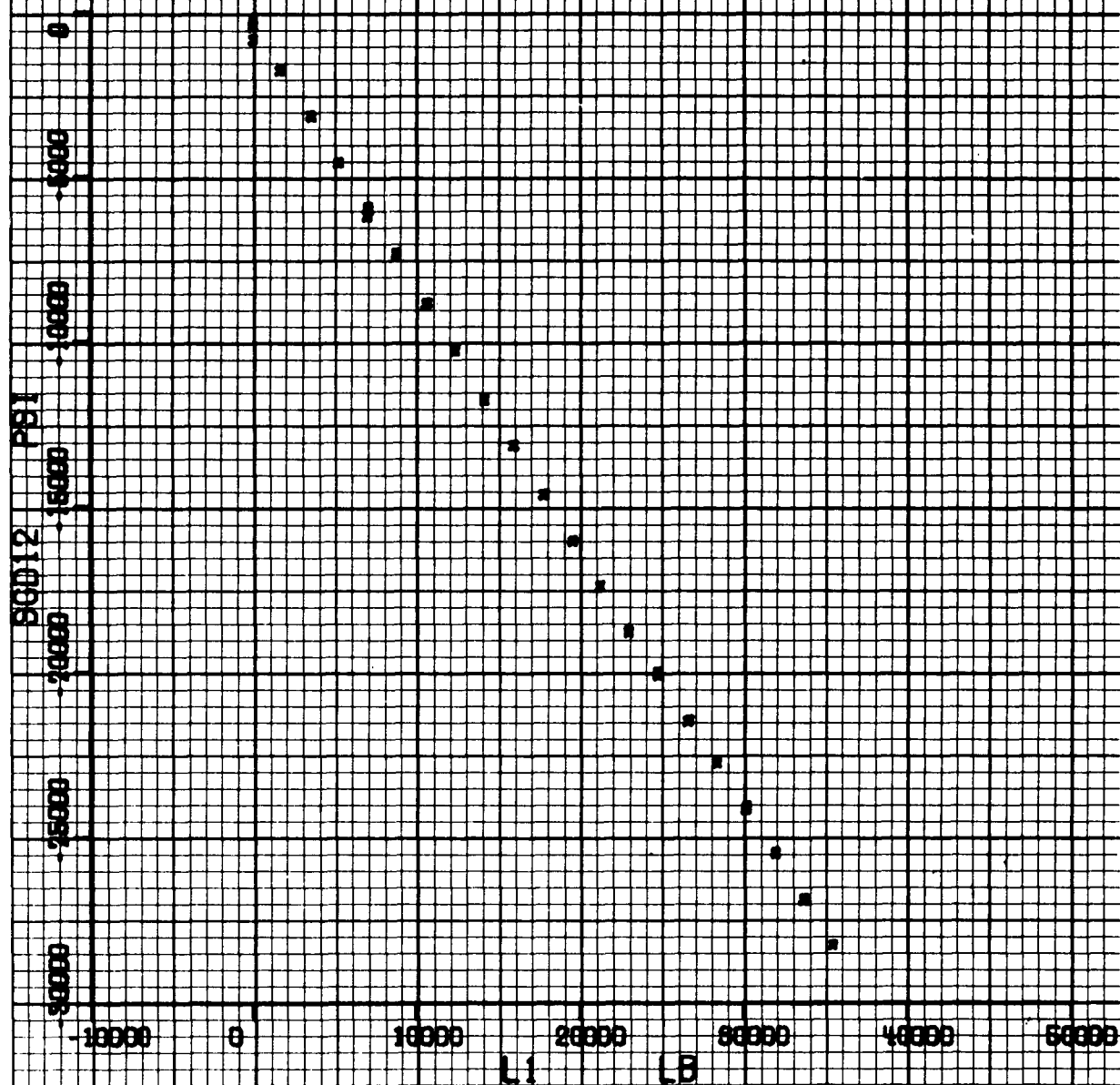
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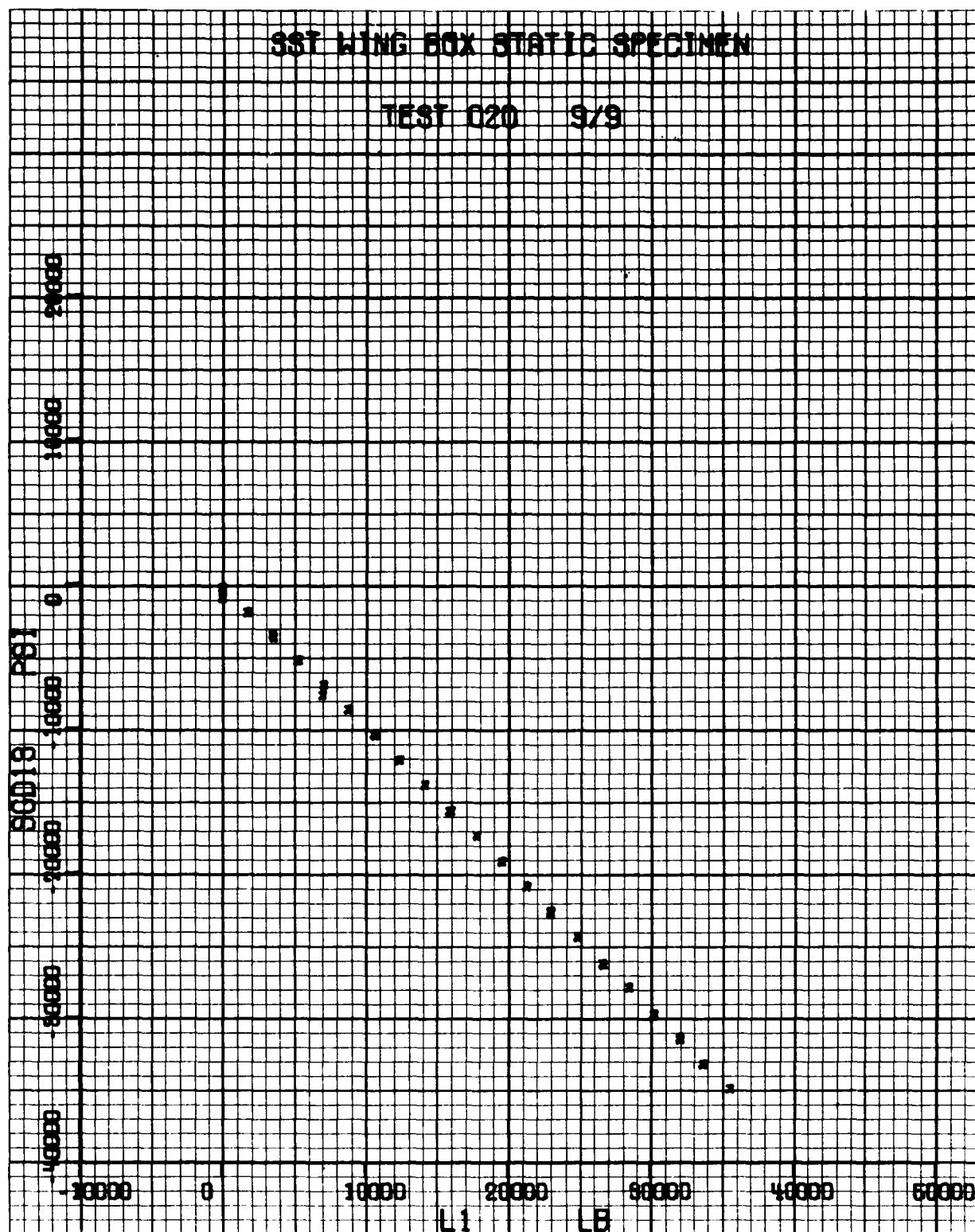
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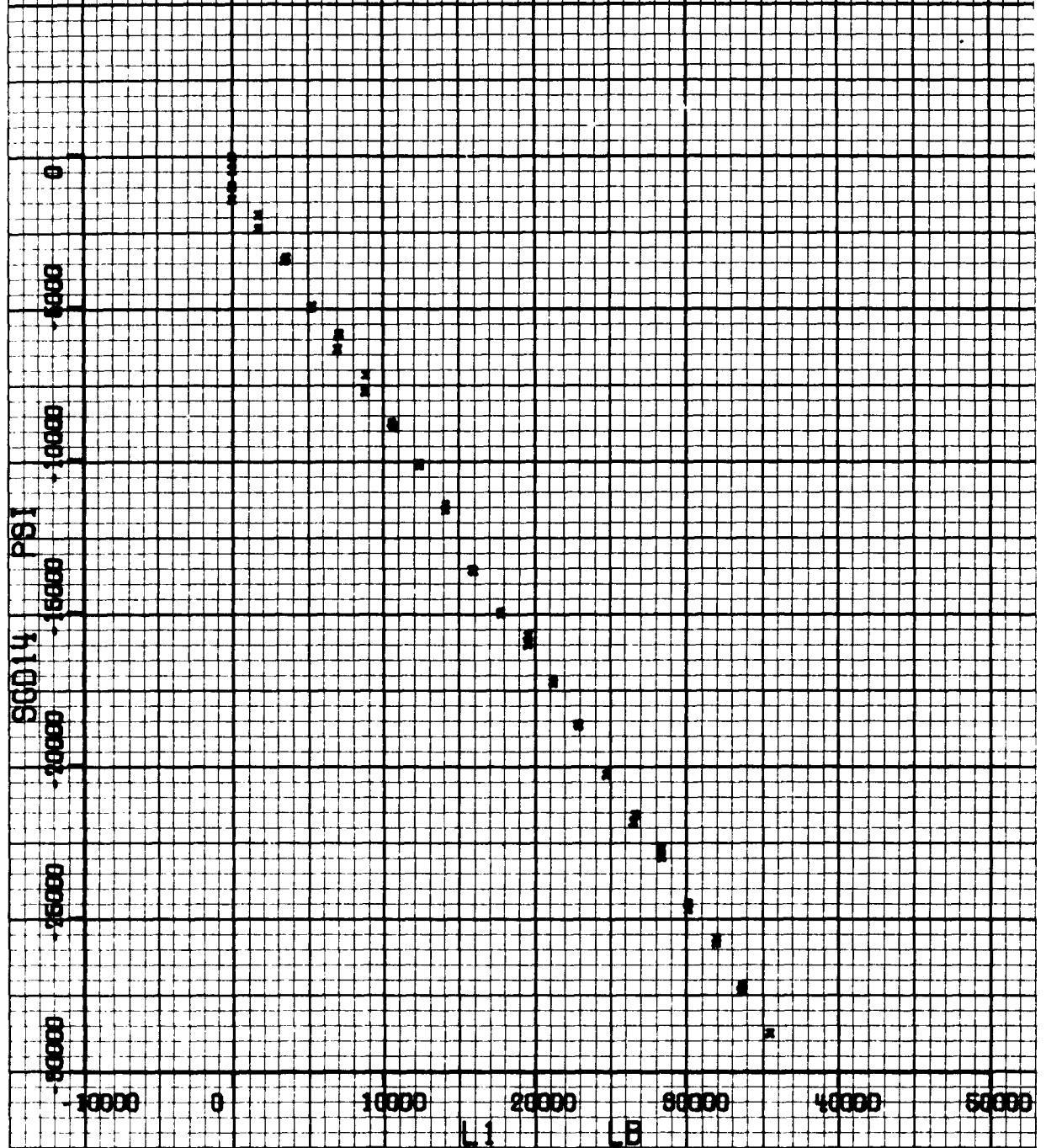
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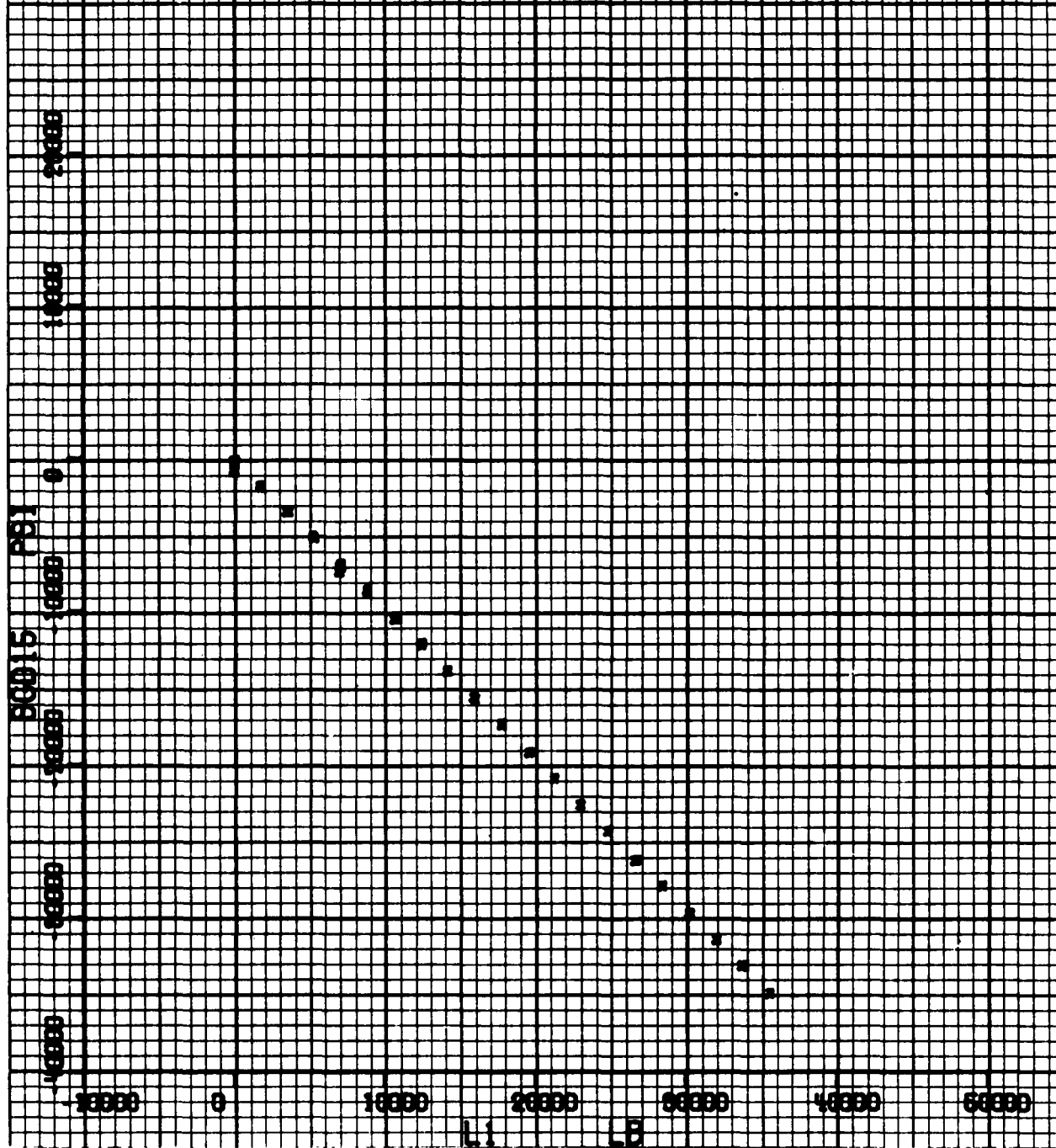
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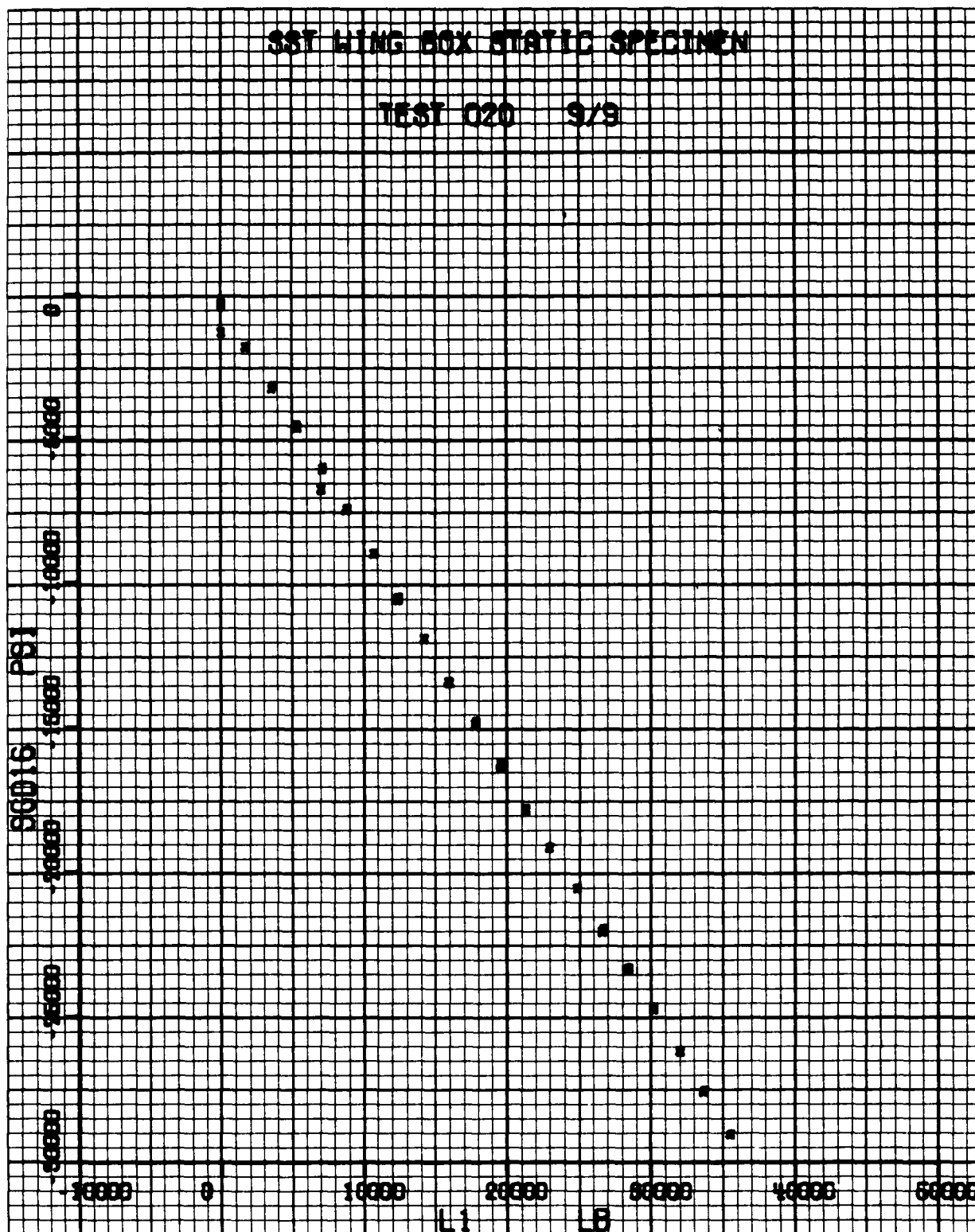


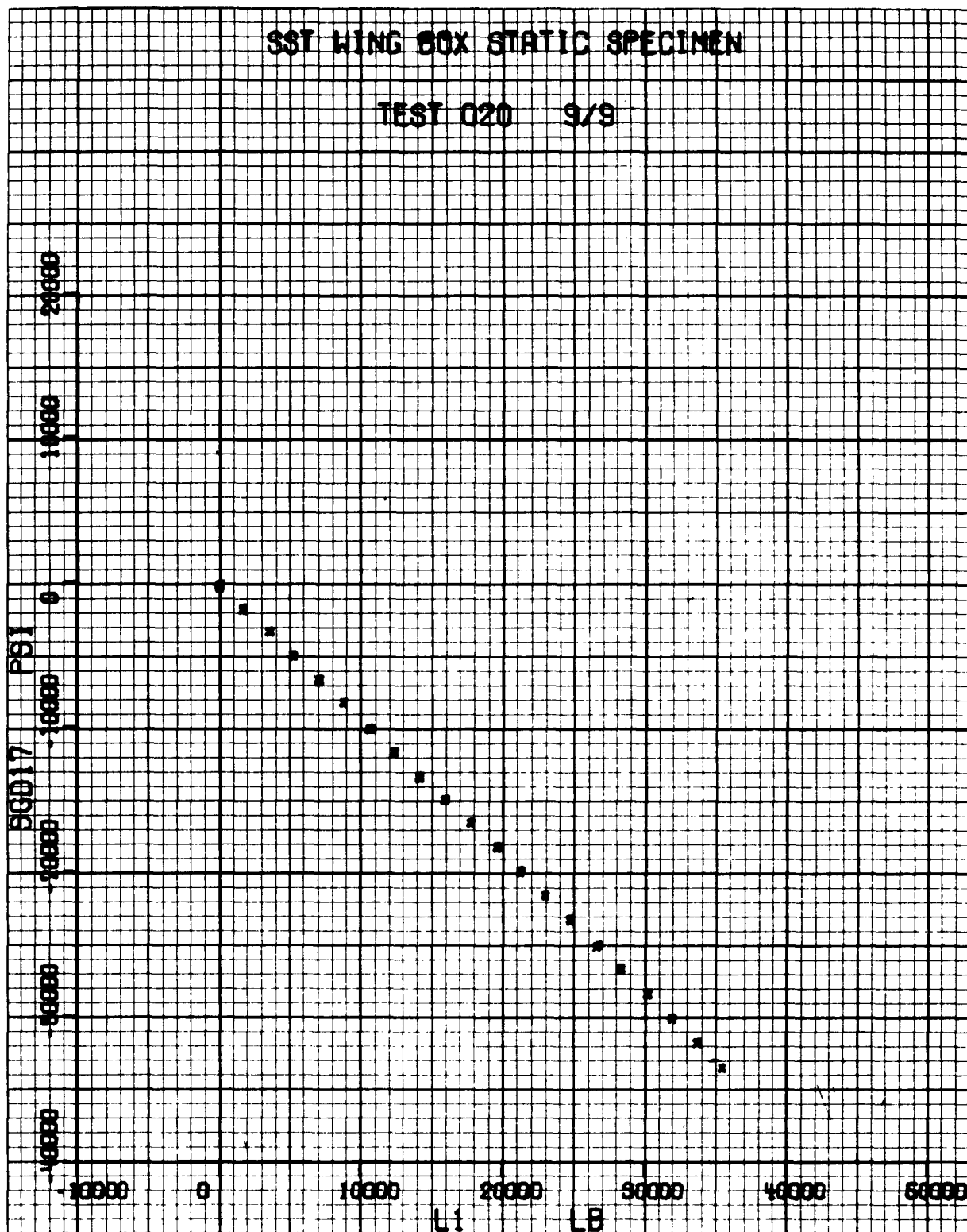
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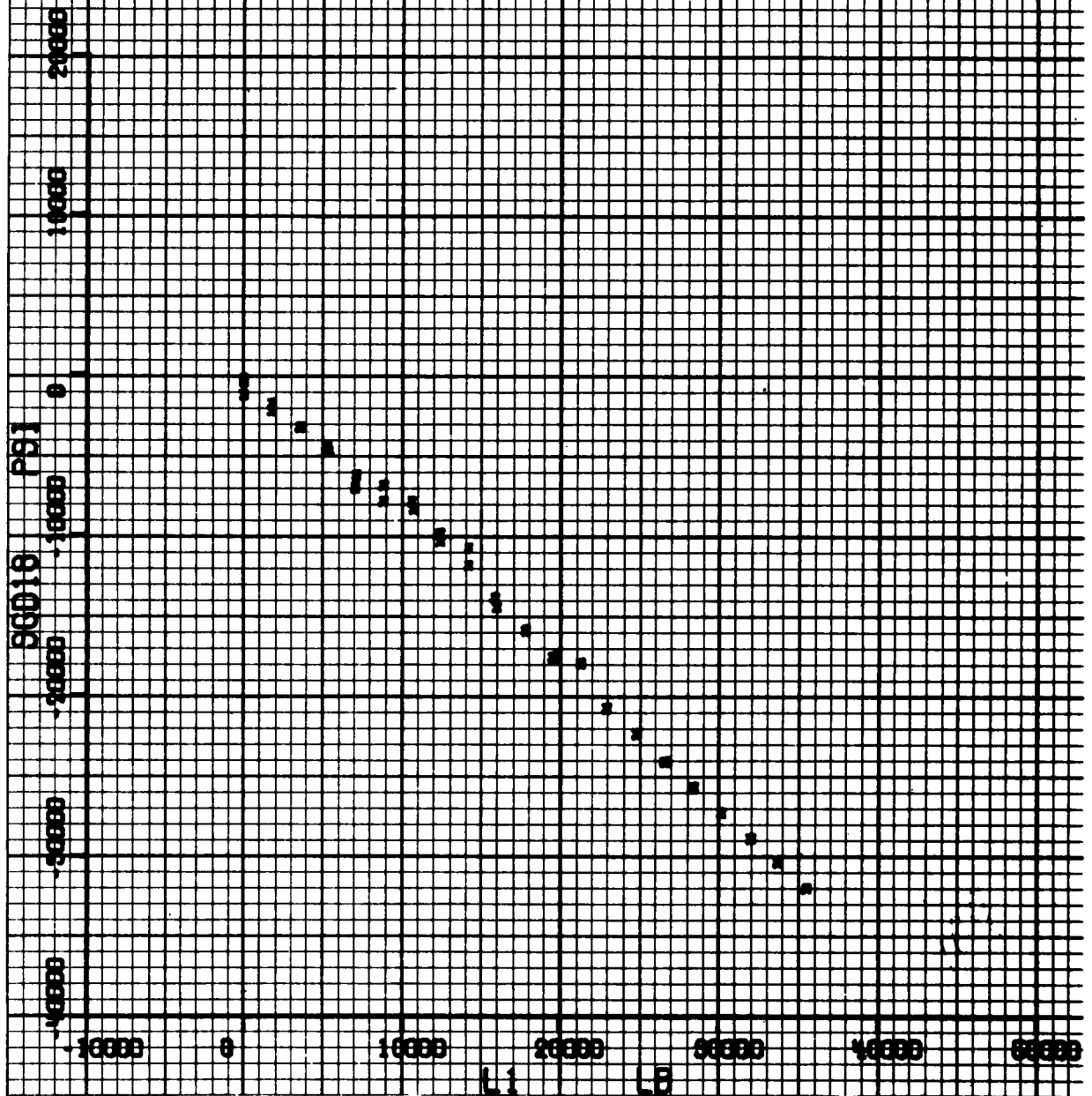






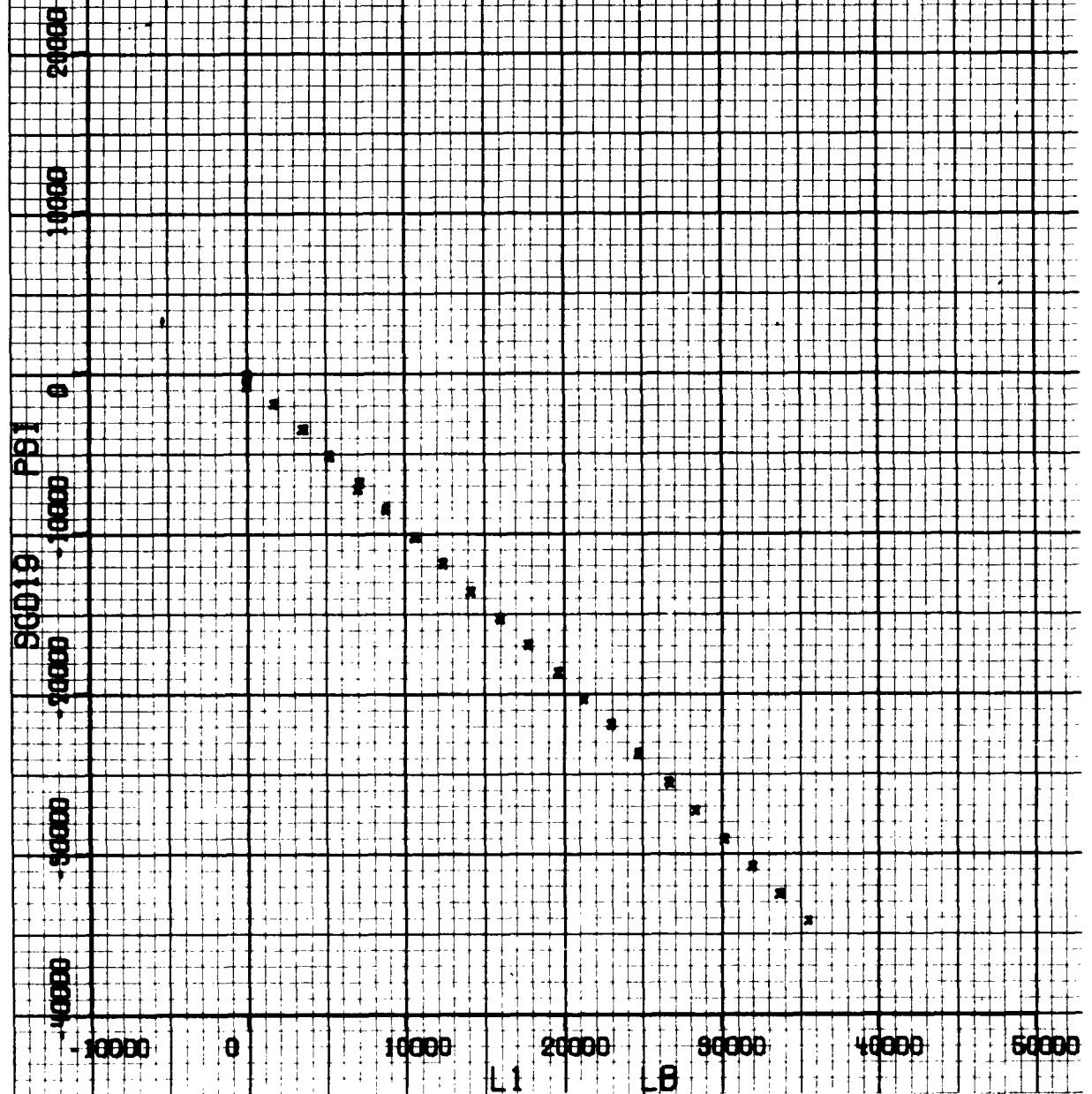
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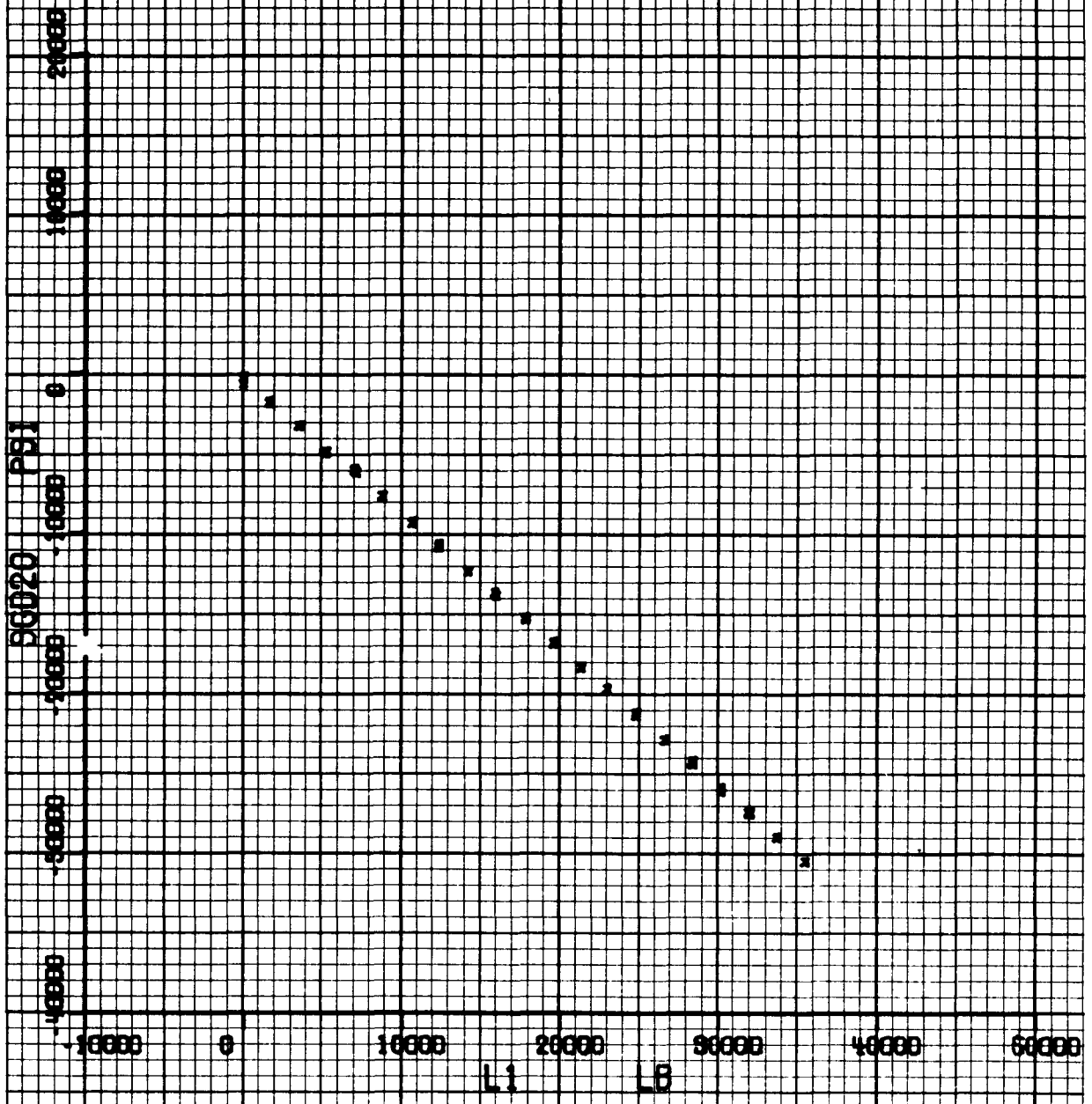
# SST WING BOX STATIC SPECIMEN

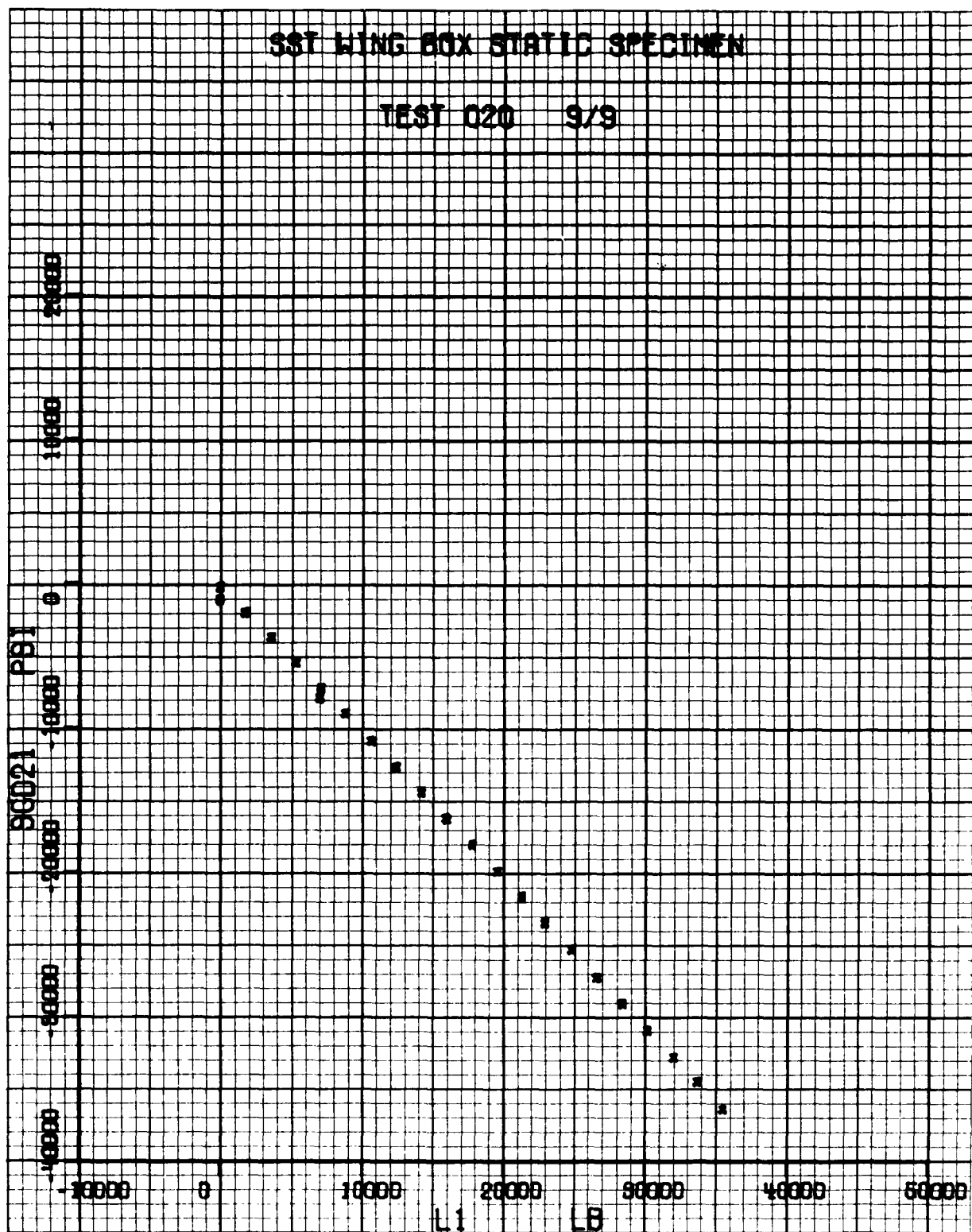
TEST 020 9/9

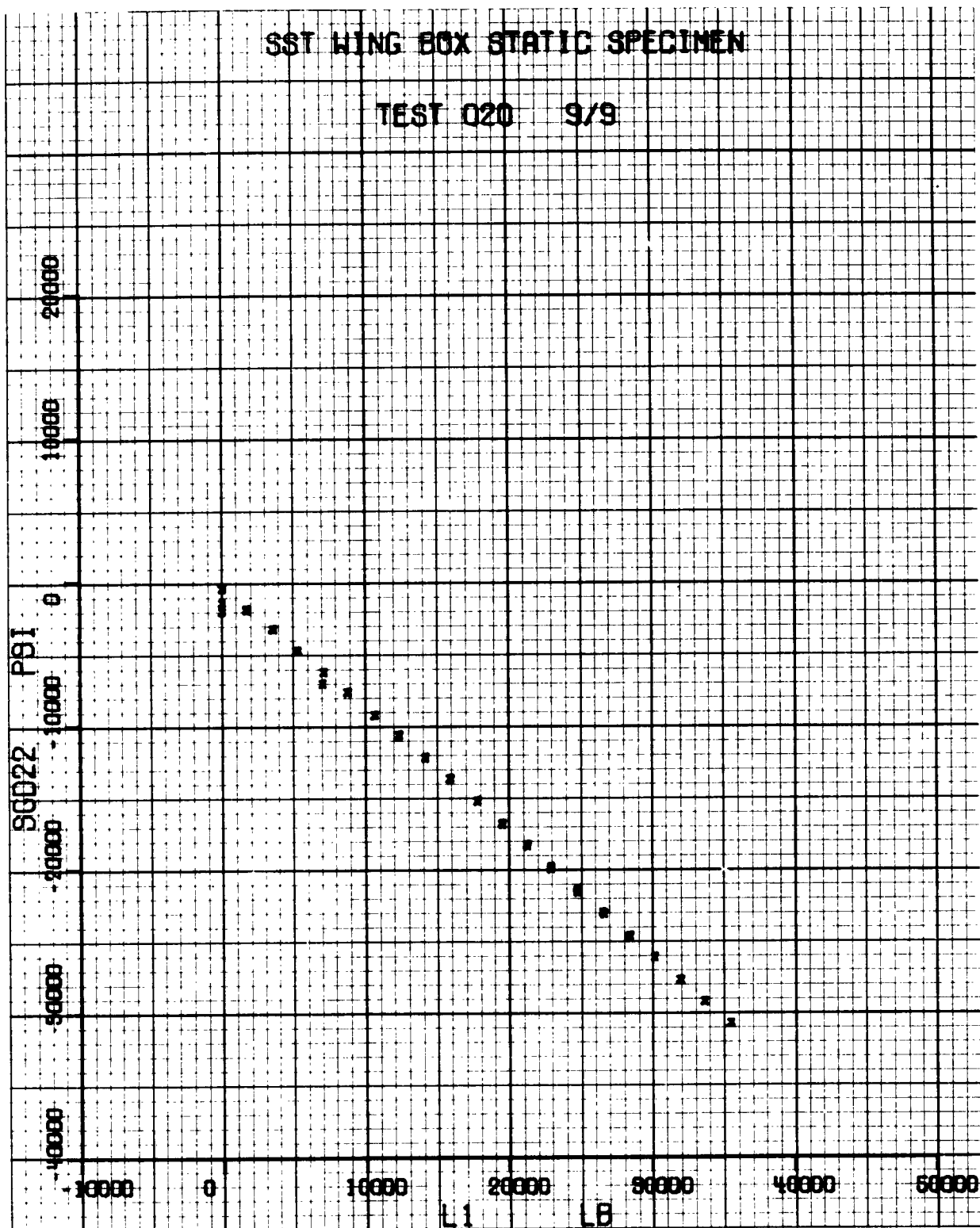


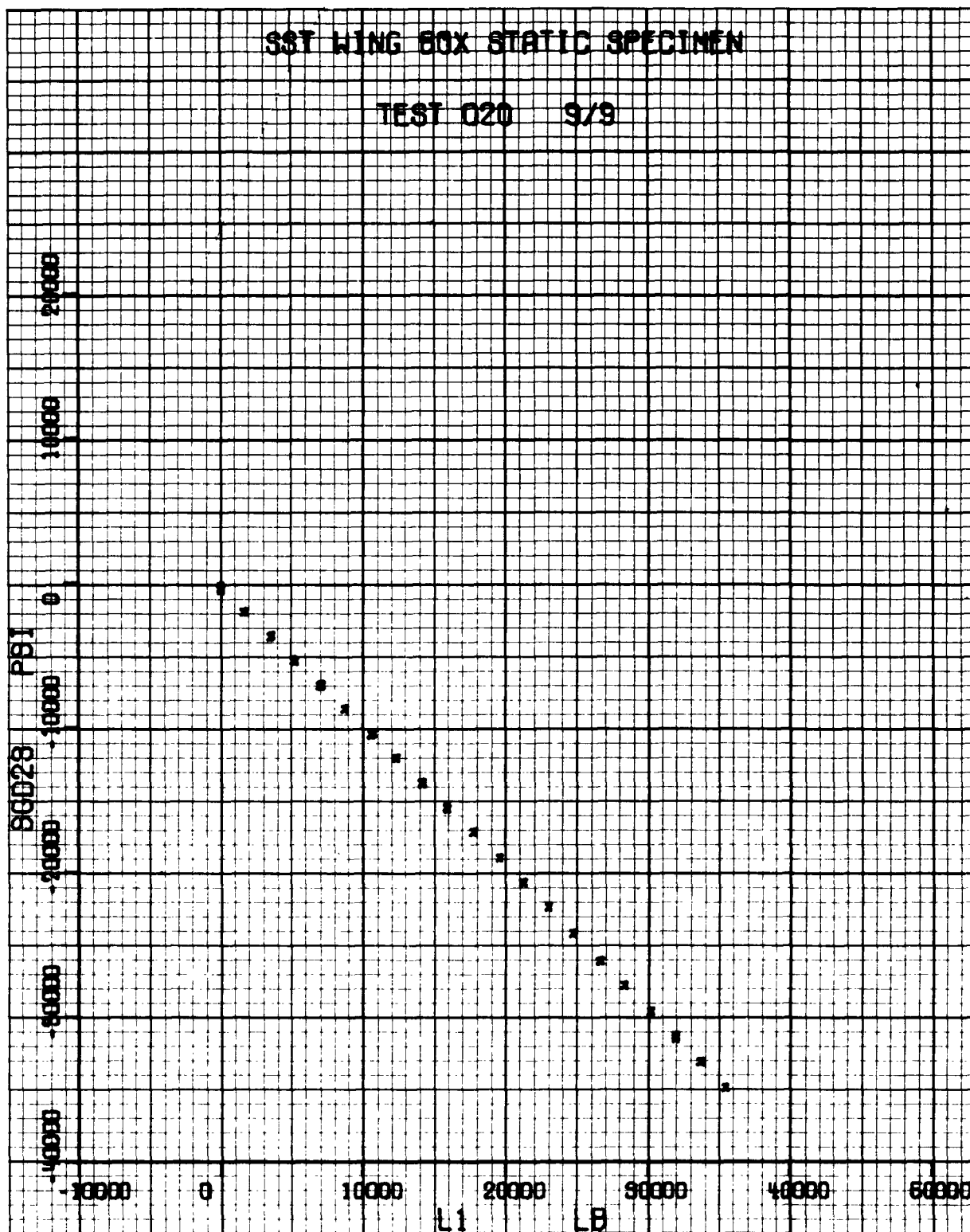
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9

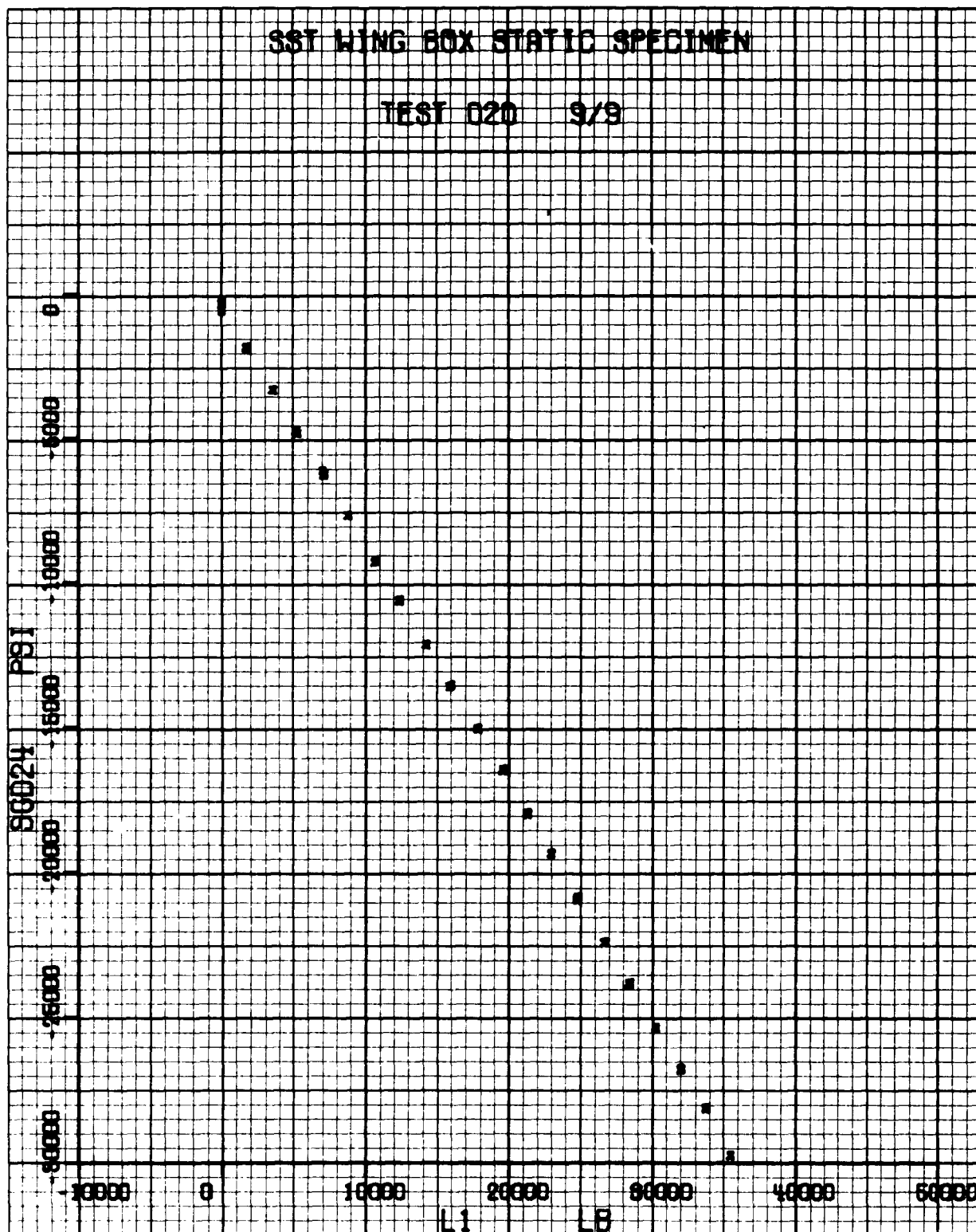






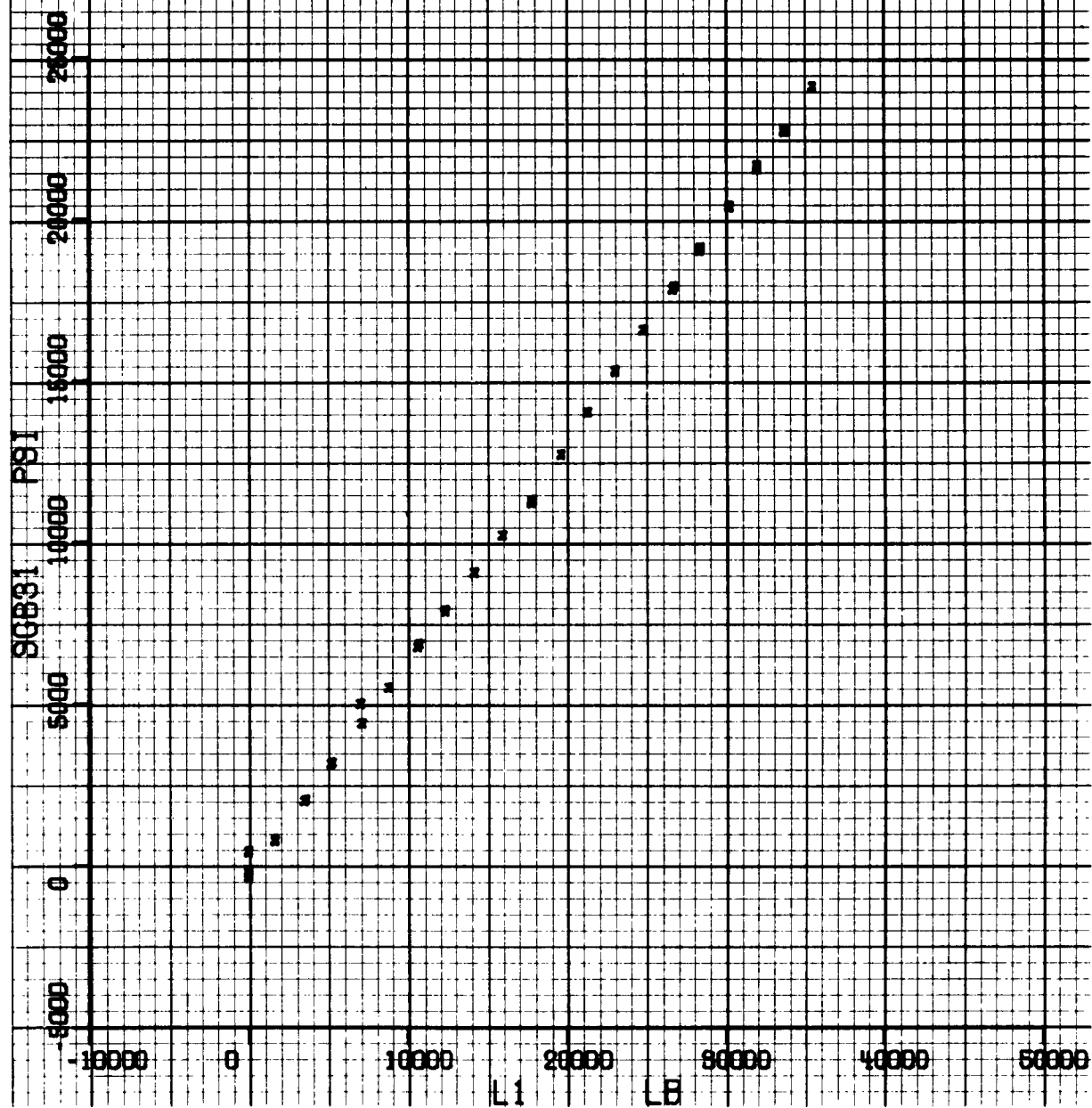


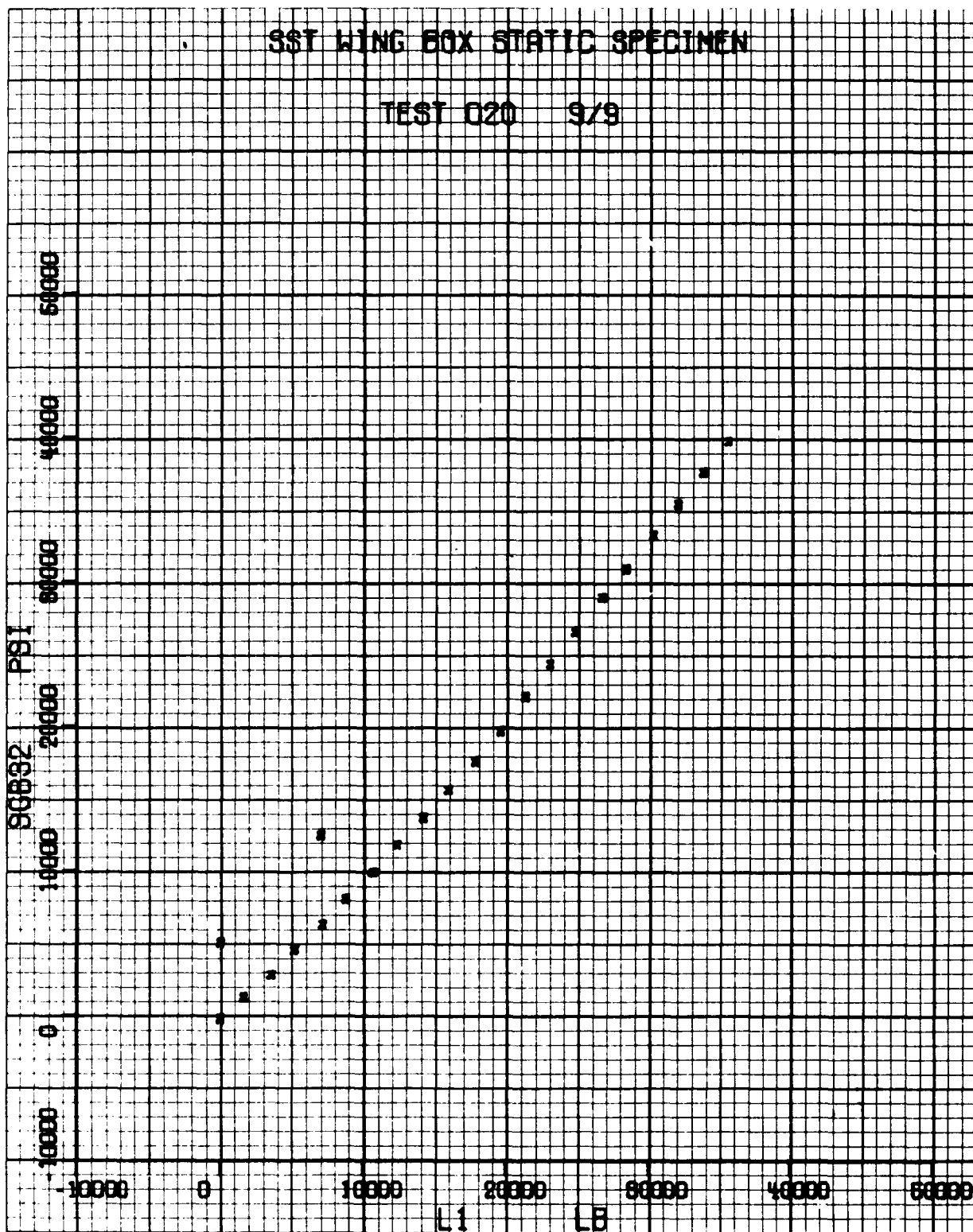




# SST WING BOX STATIC SPECIMEN

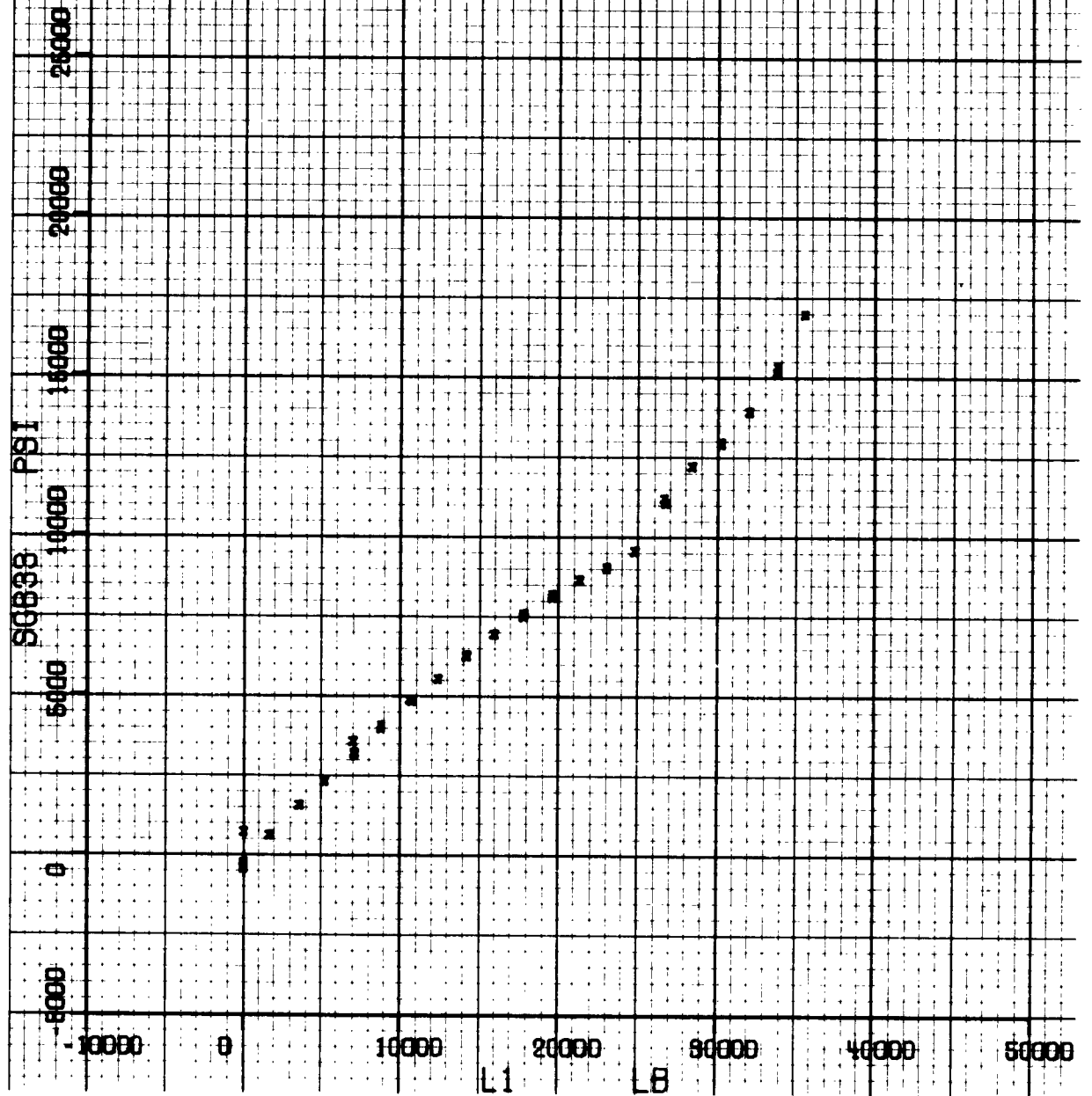
TEST Q20 9/9





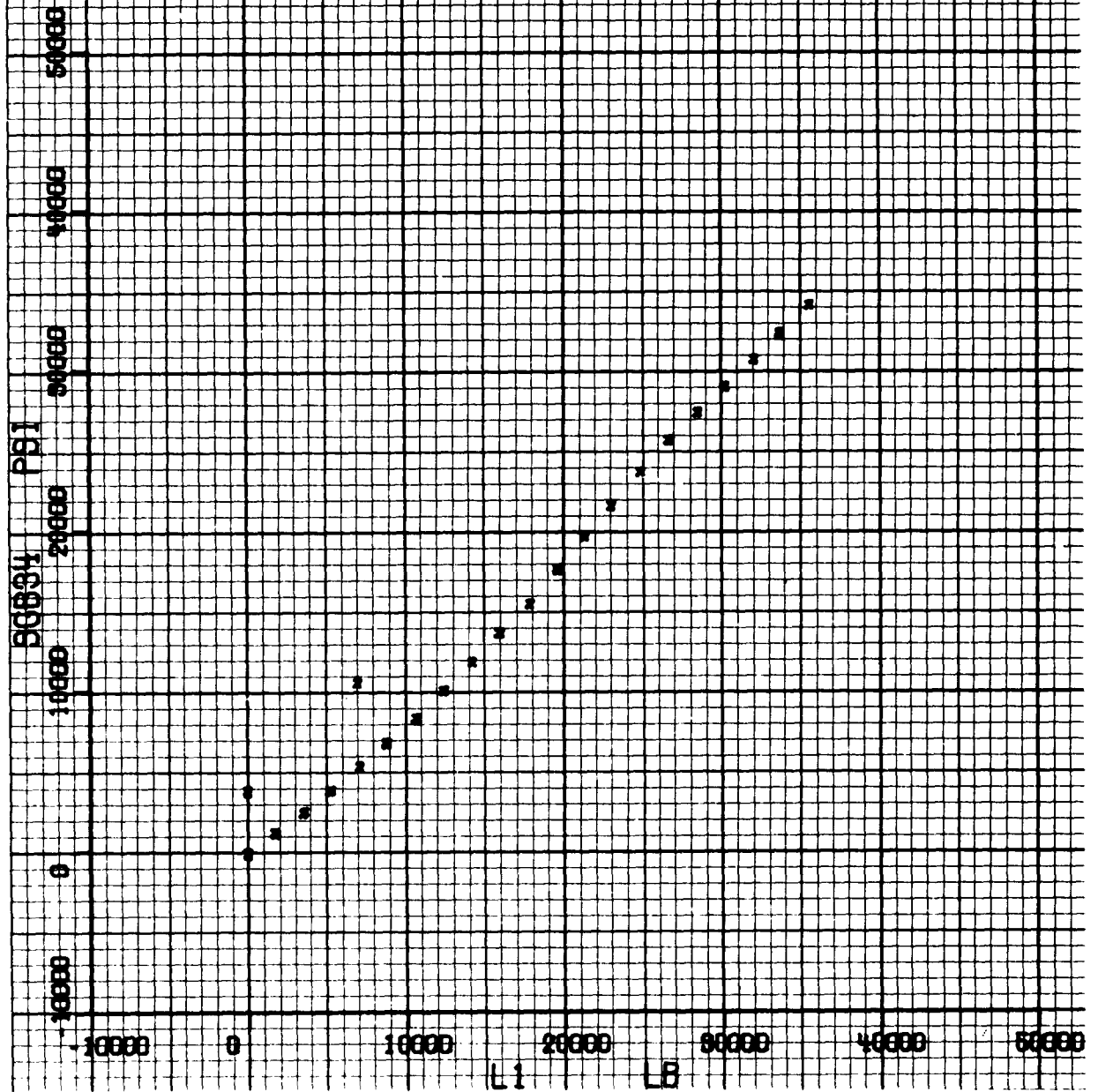
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



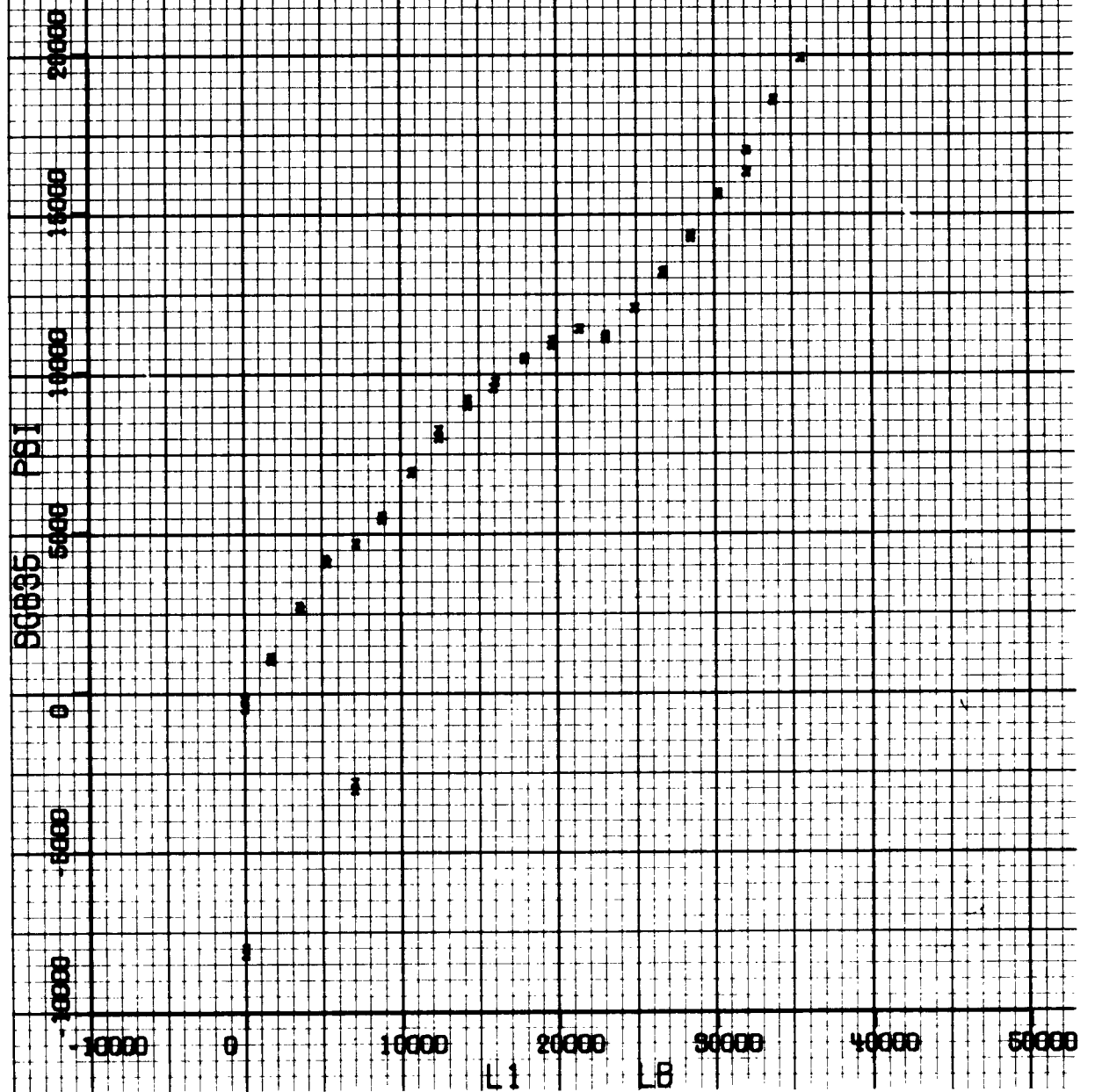
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



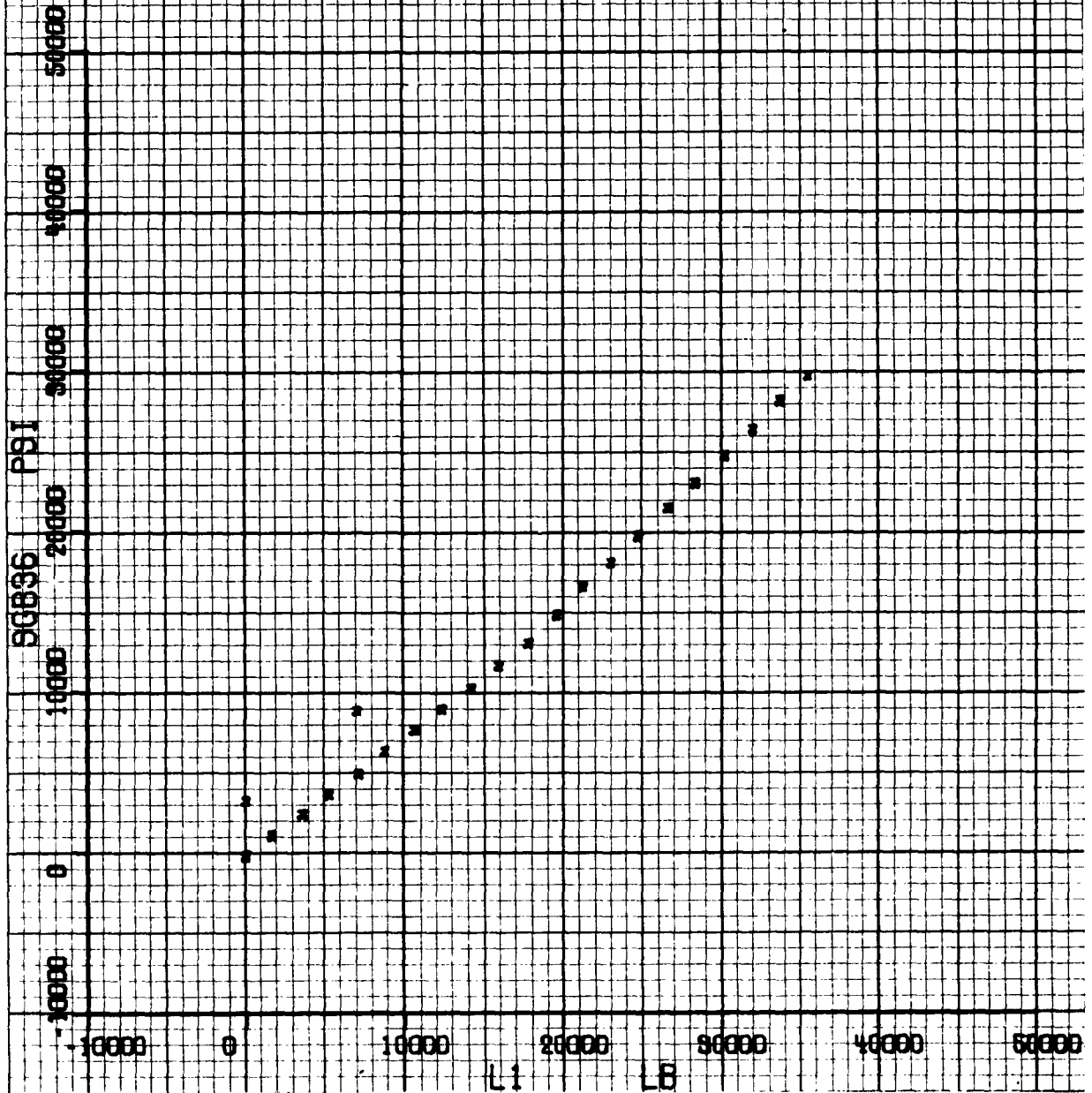
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



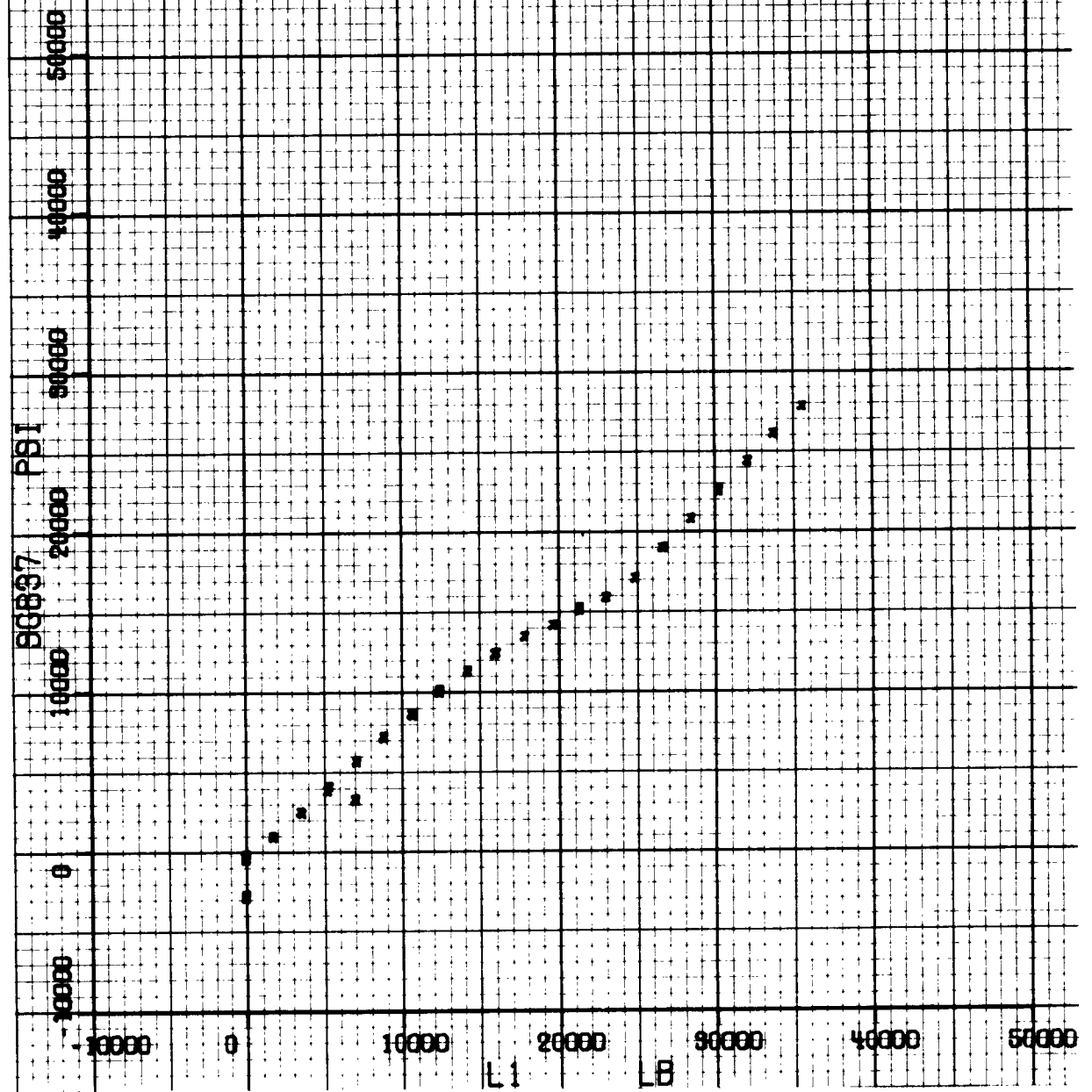
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



# SST WING BOX STATIC SPECIMEN

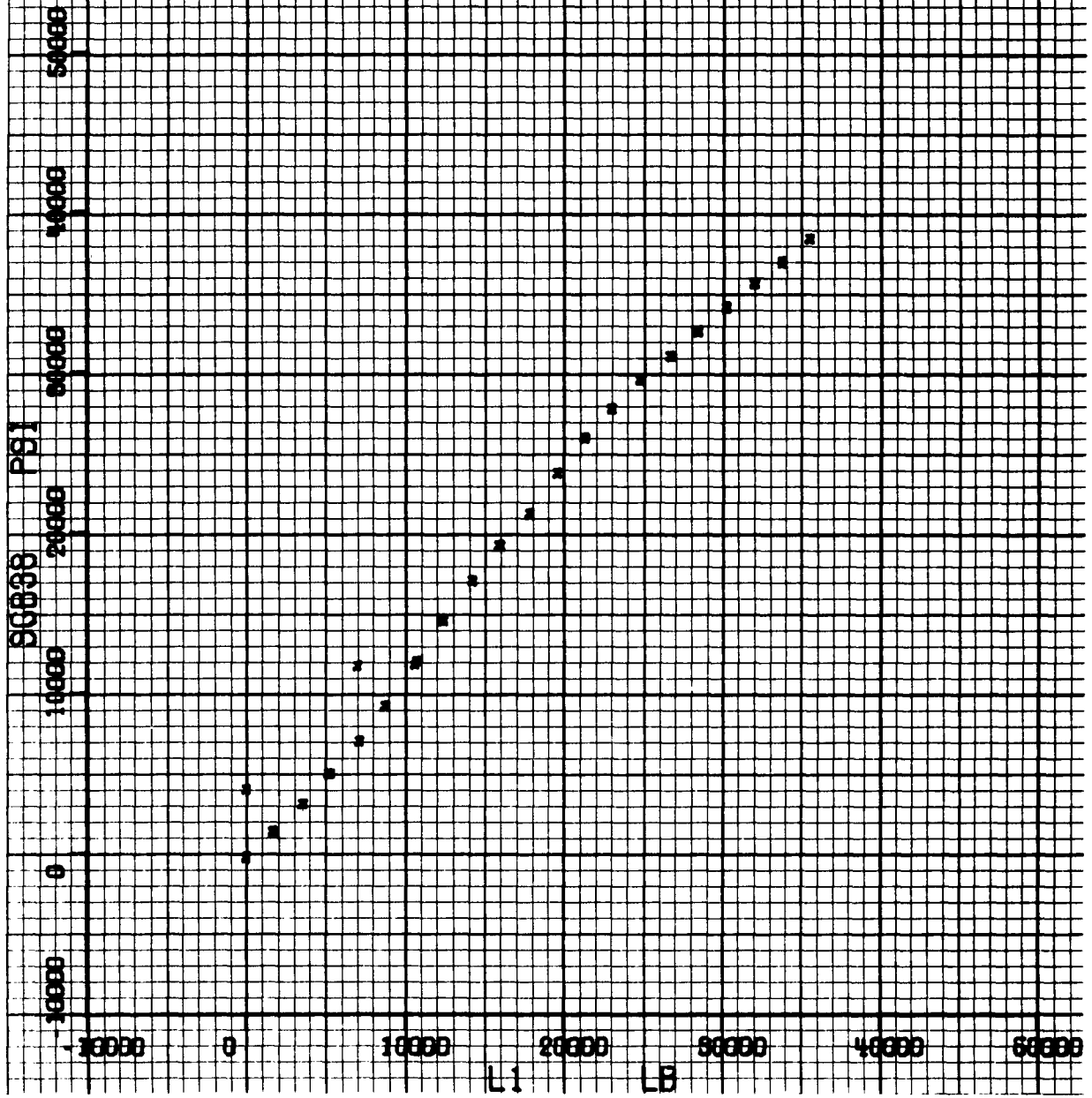
TEST 020 9/9





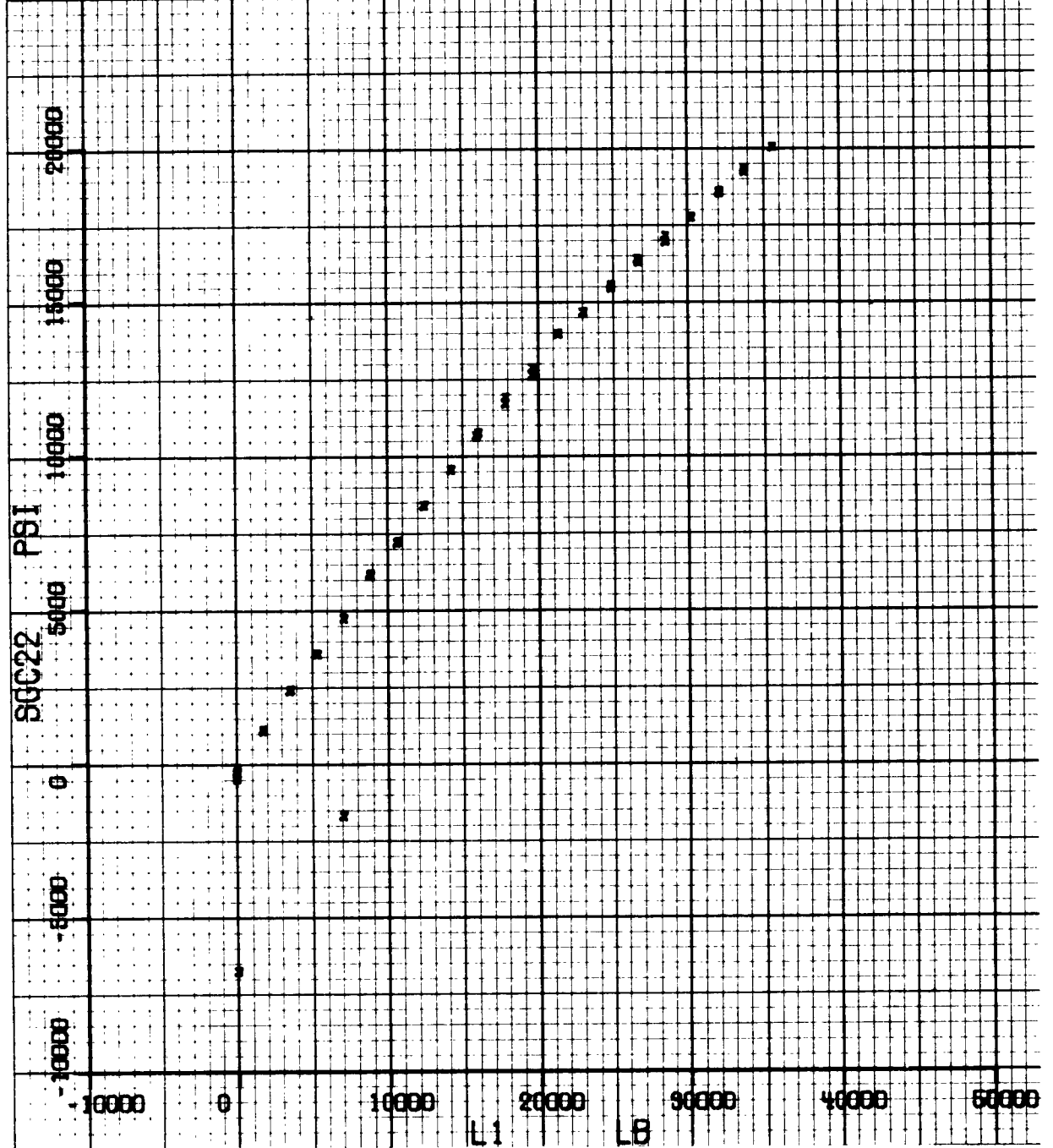
# SST WING BOX STATIC SPECIMEN

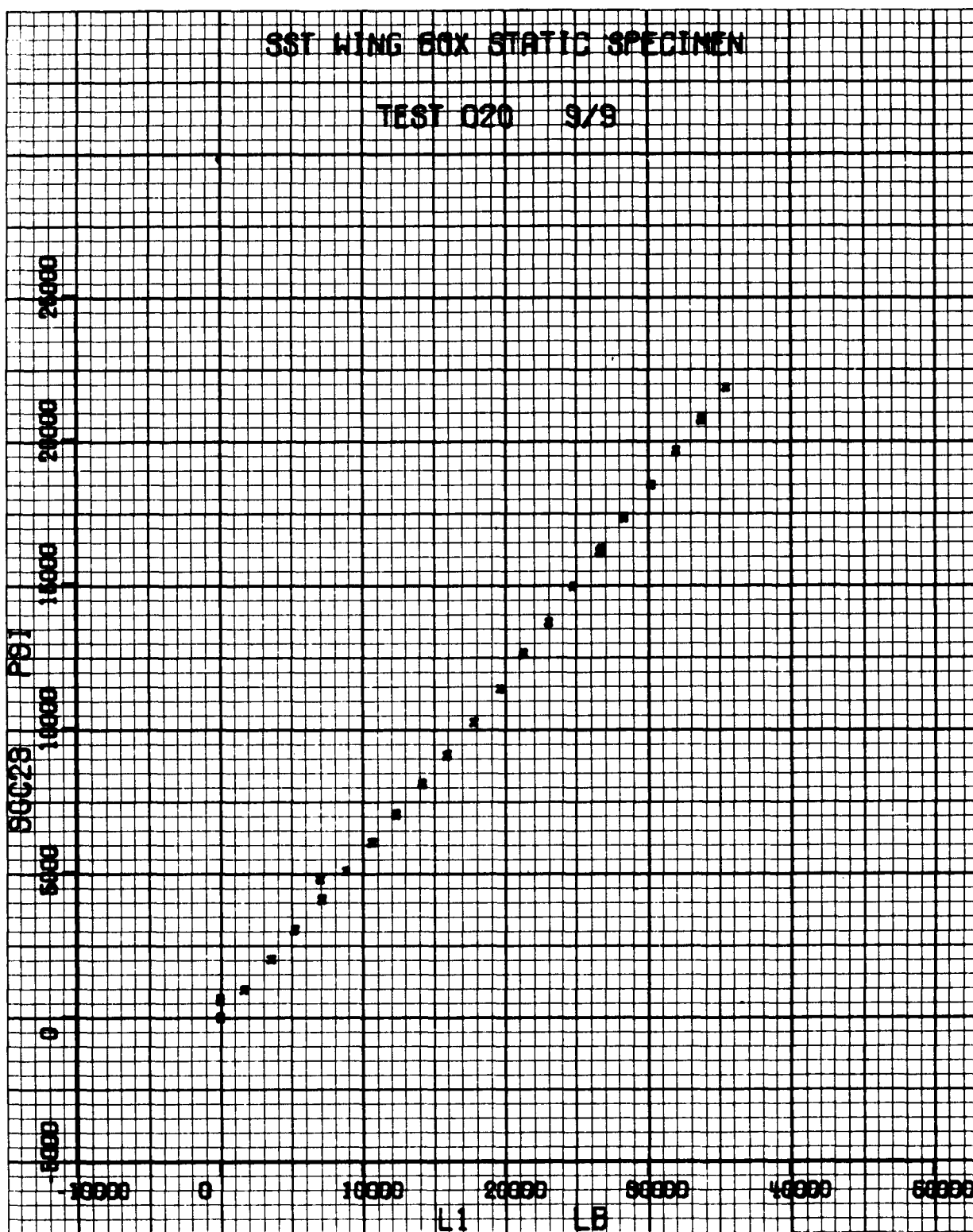
TEST 020 9/9



# SST WING BOX STATIC SPECIMEN

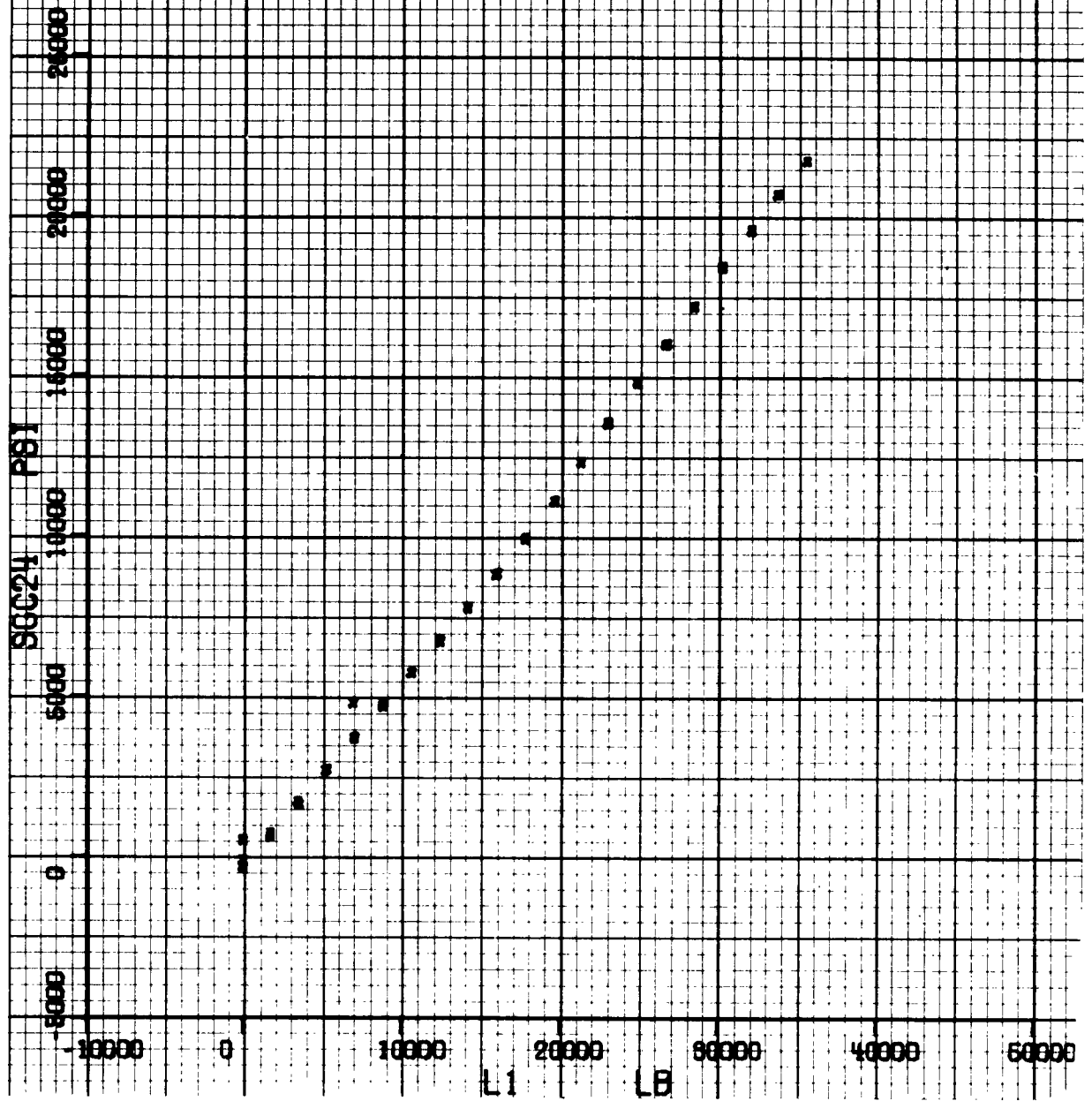
TEST 020 9/9





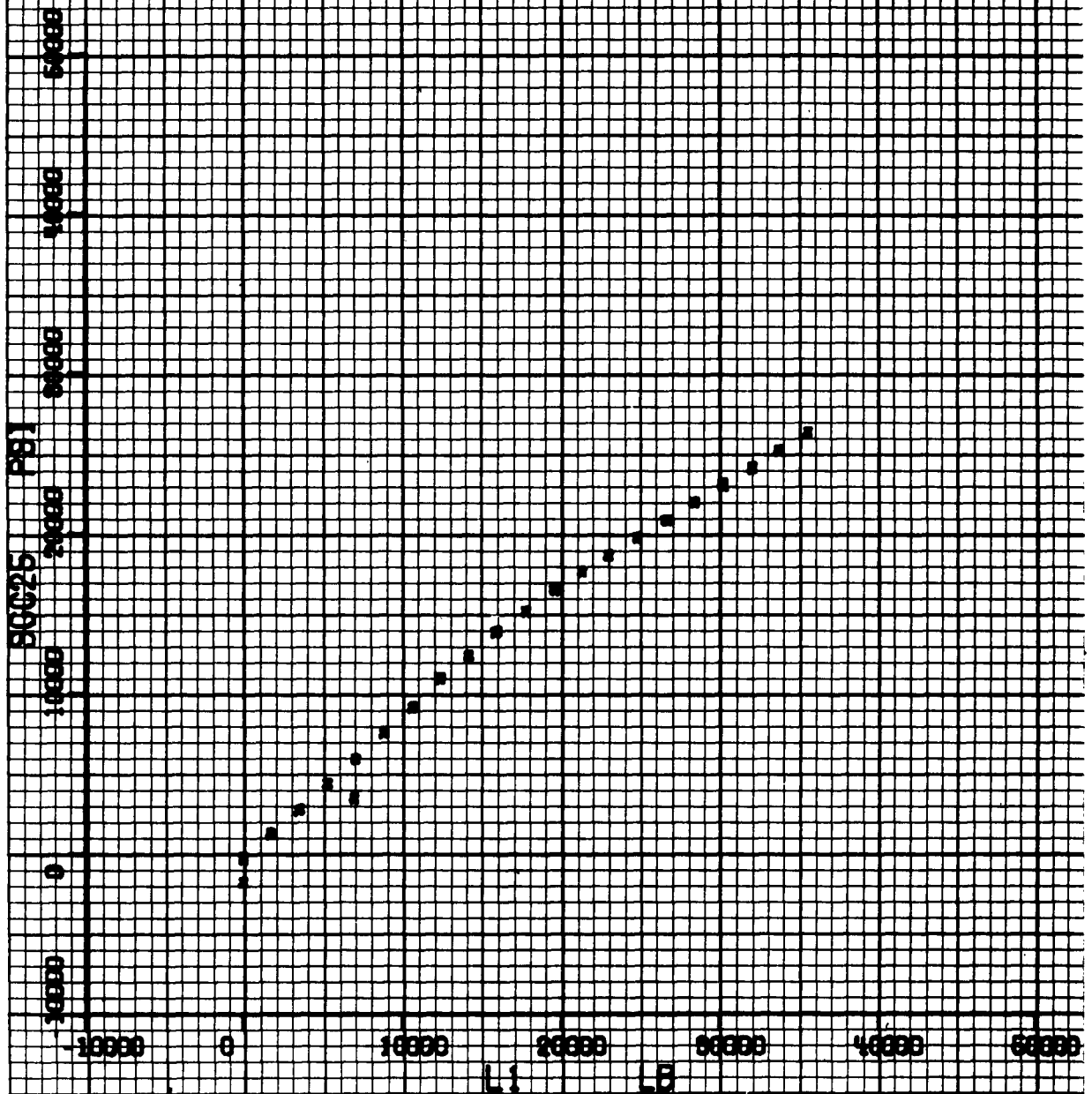
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



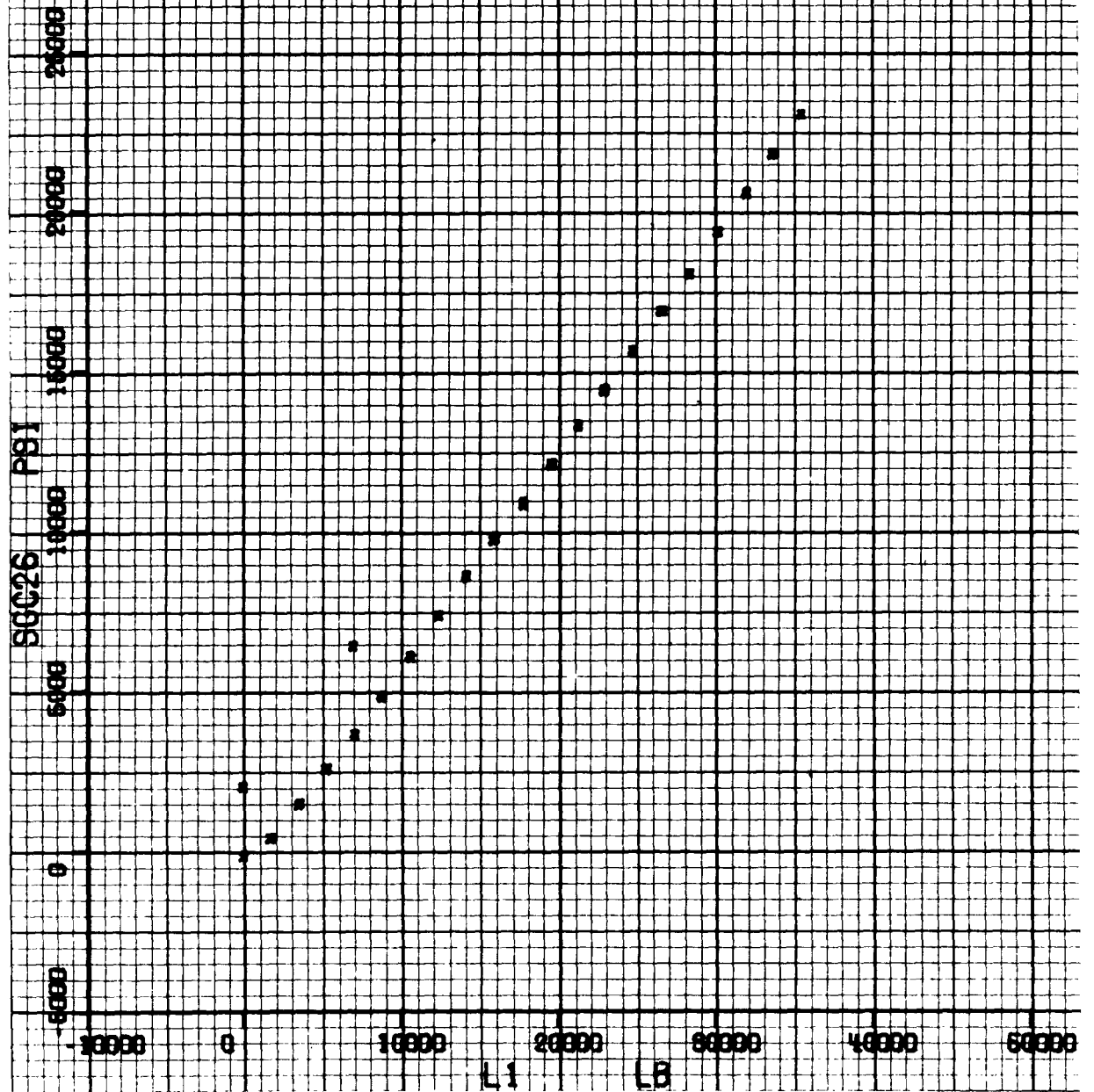
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



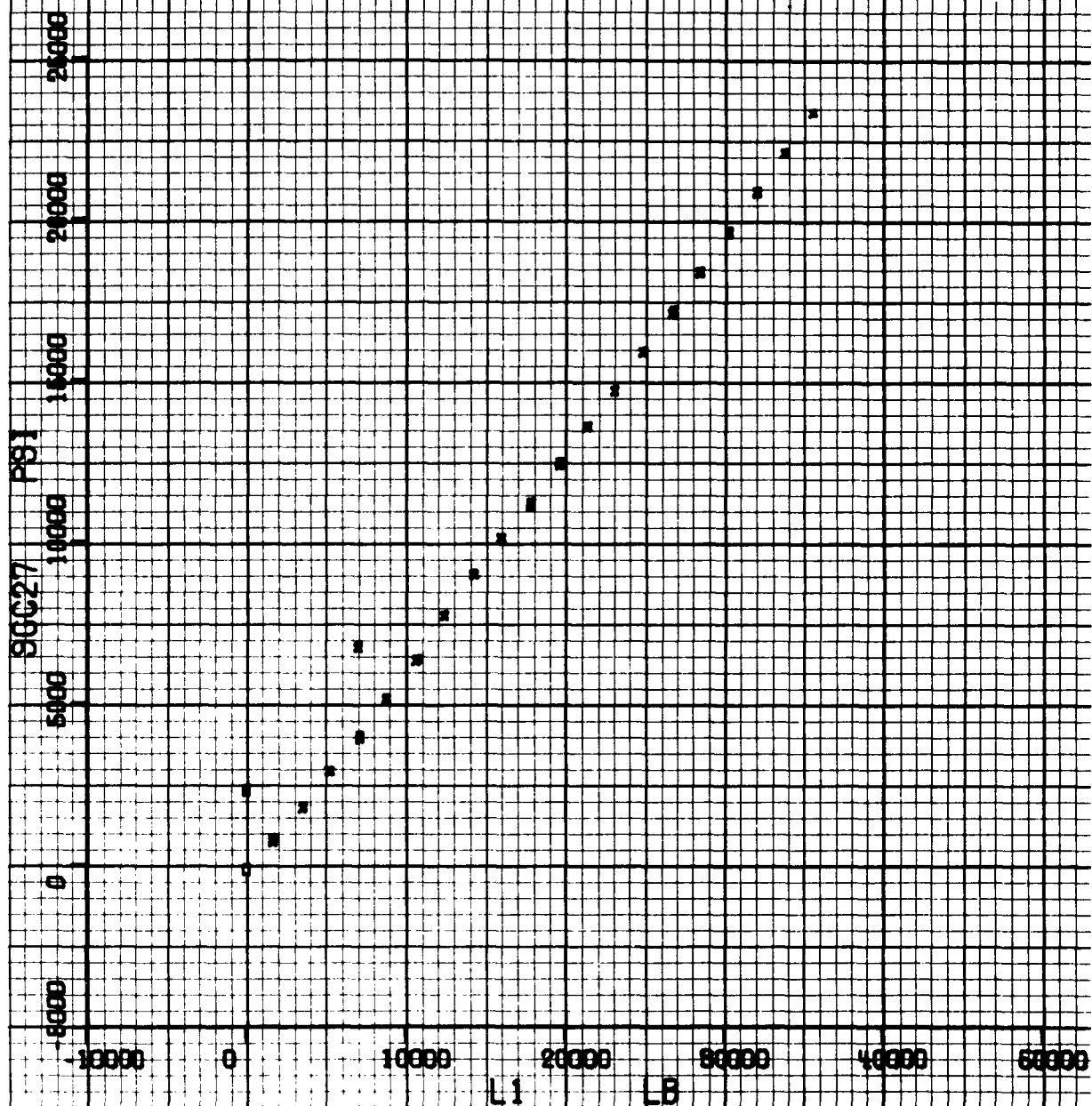
# SST WING BOX STATIC SPECIMEN

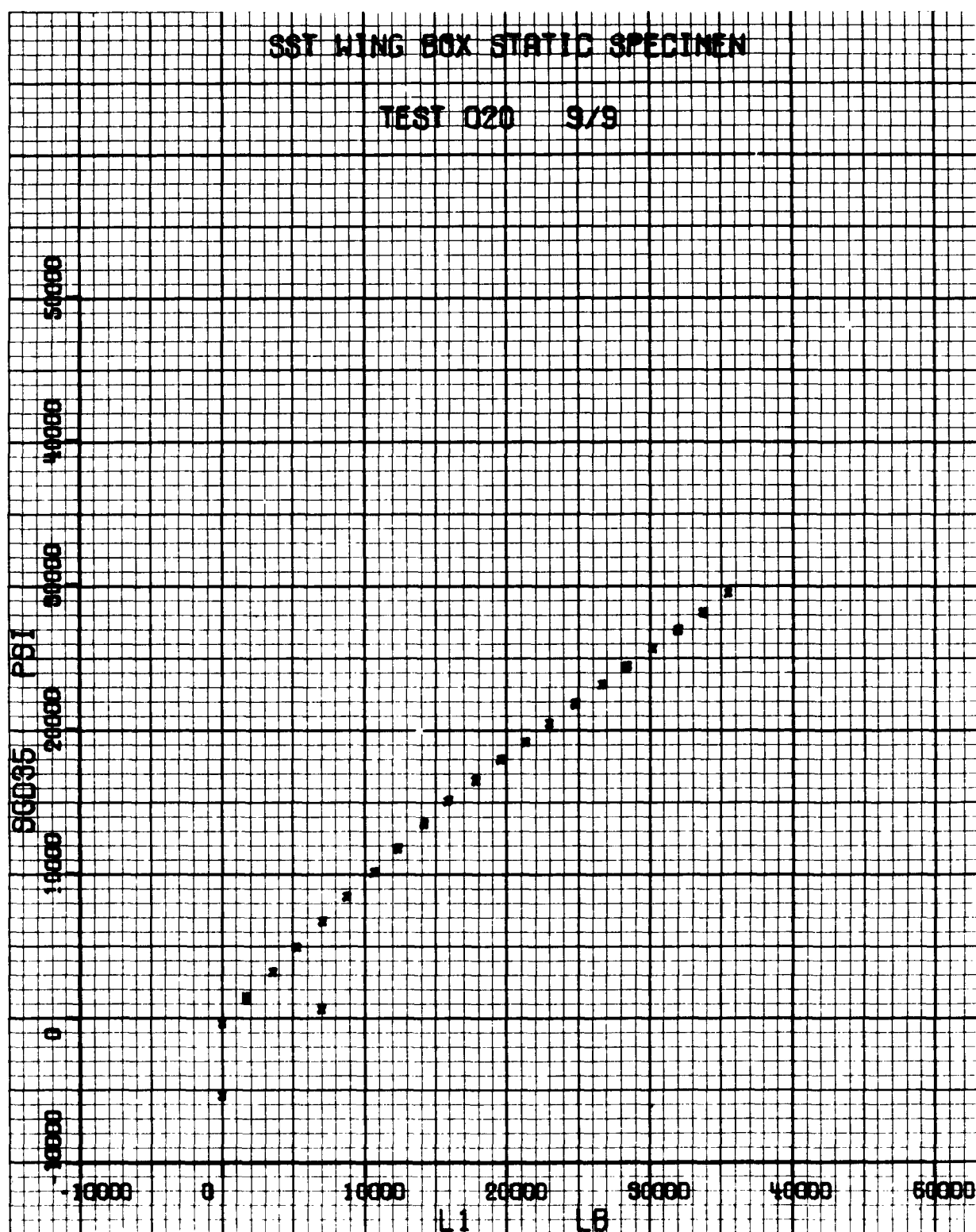
TEST 020 9/9



# SST WING BOX STATIC SPECIMEN

TEST 020 9/9

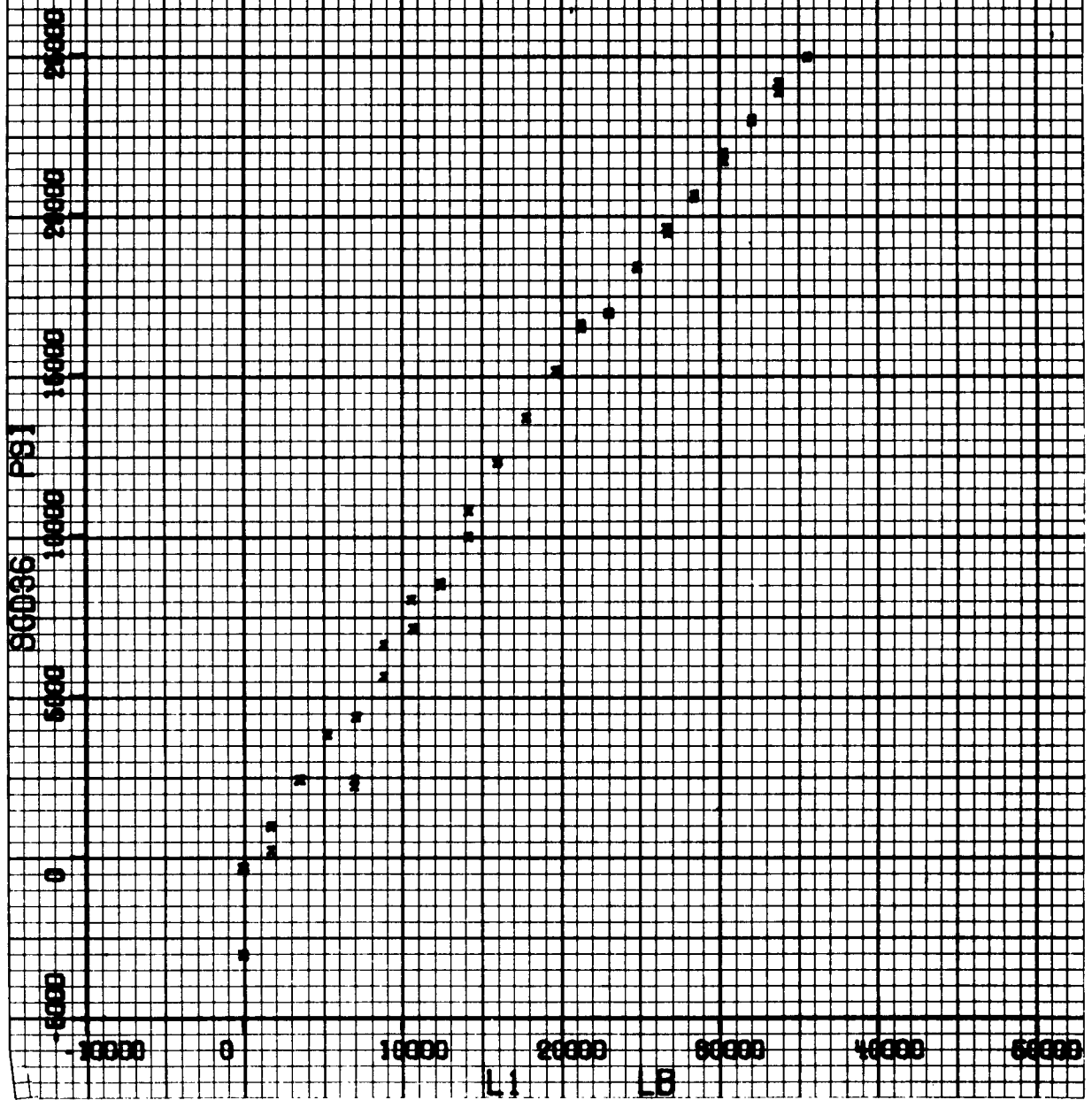






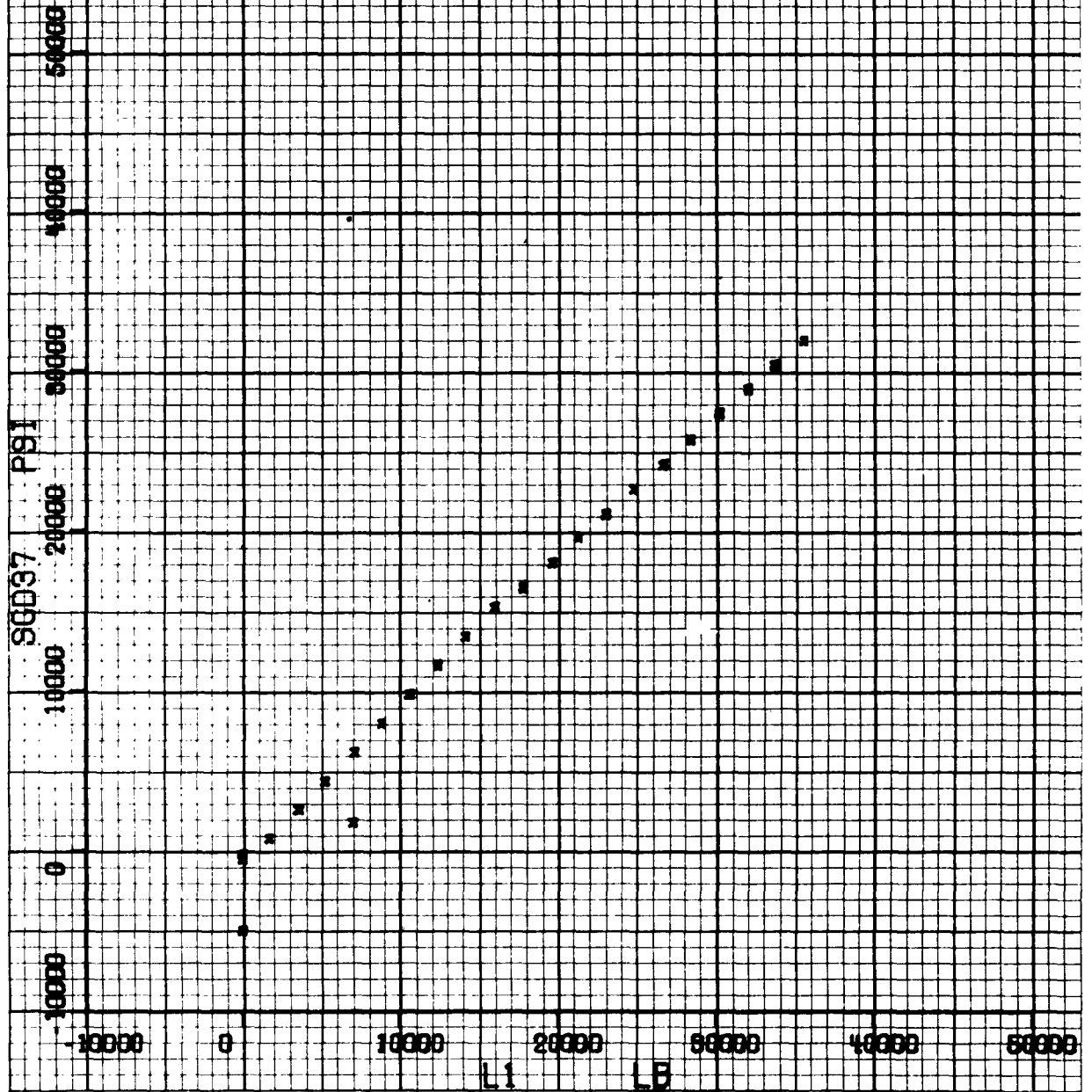
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



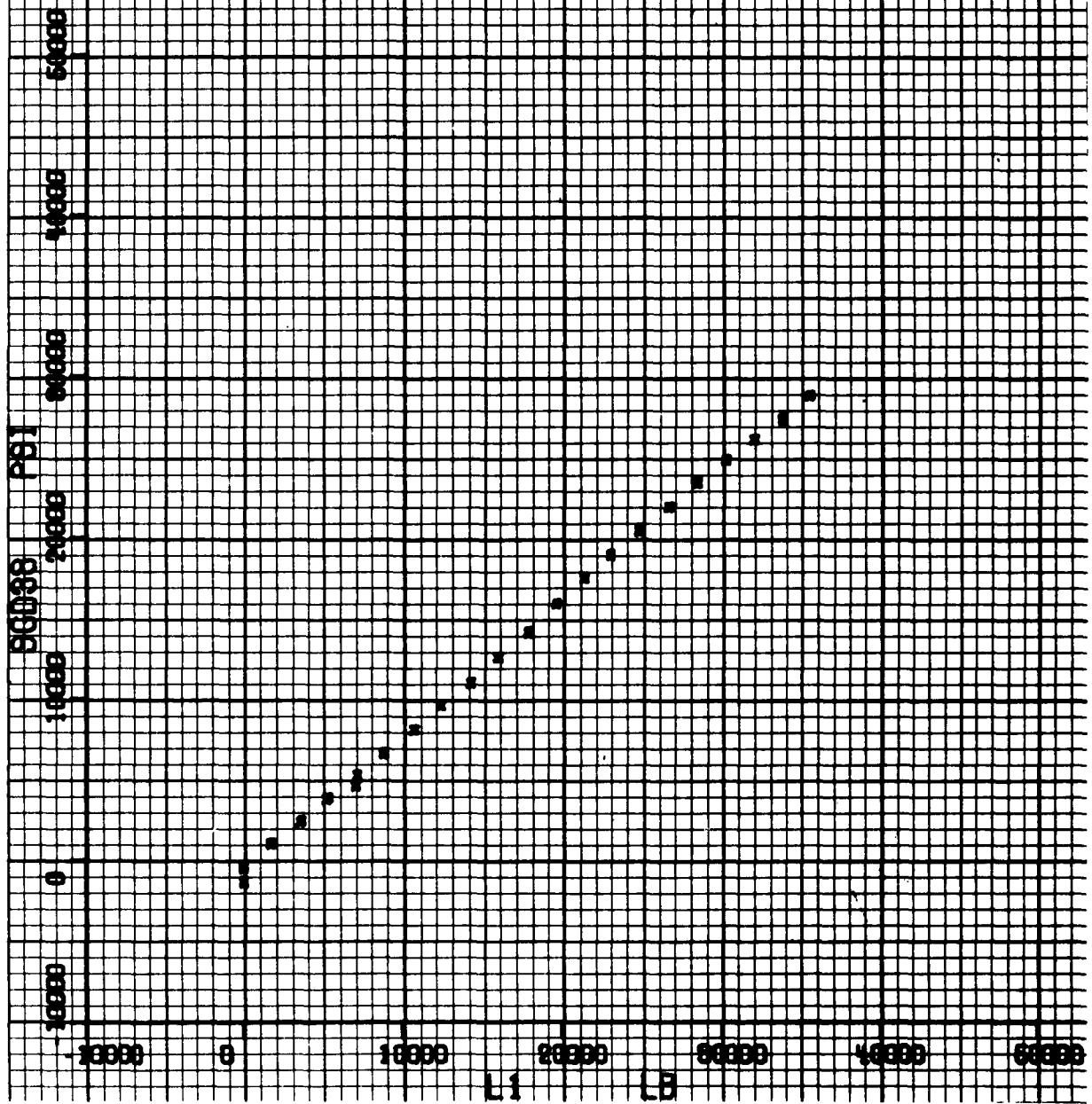
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



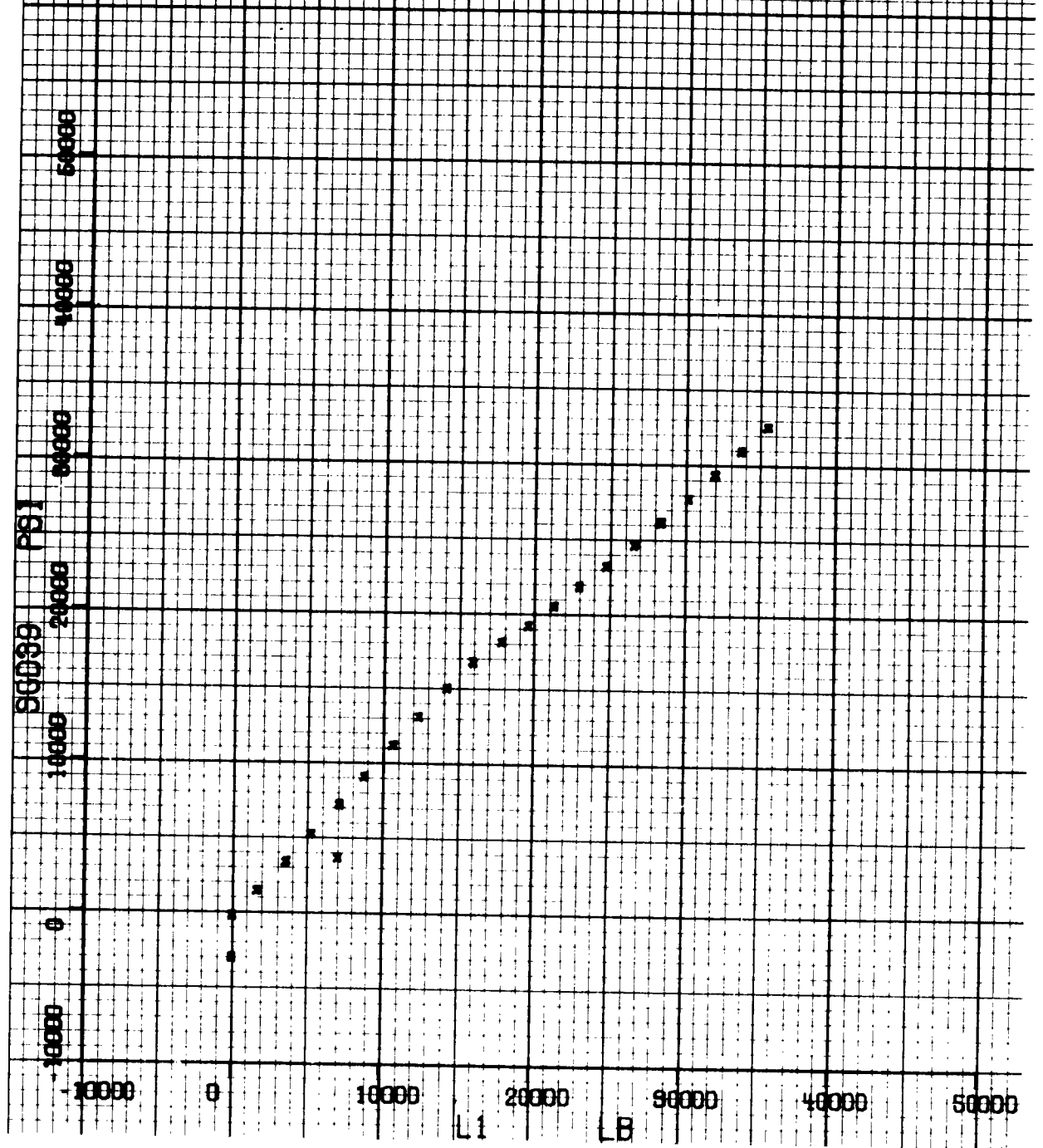
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



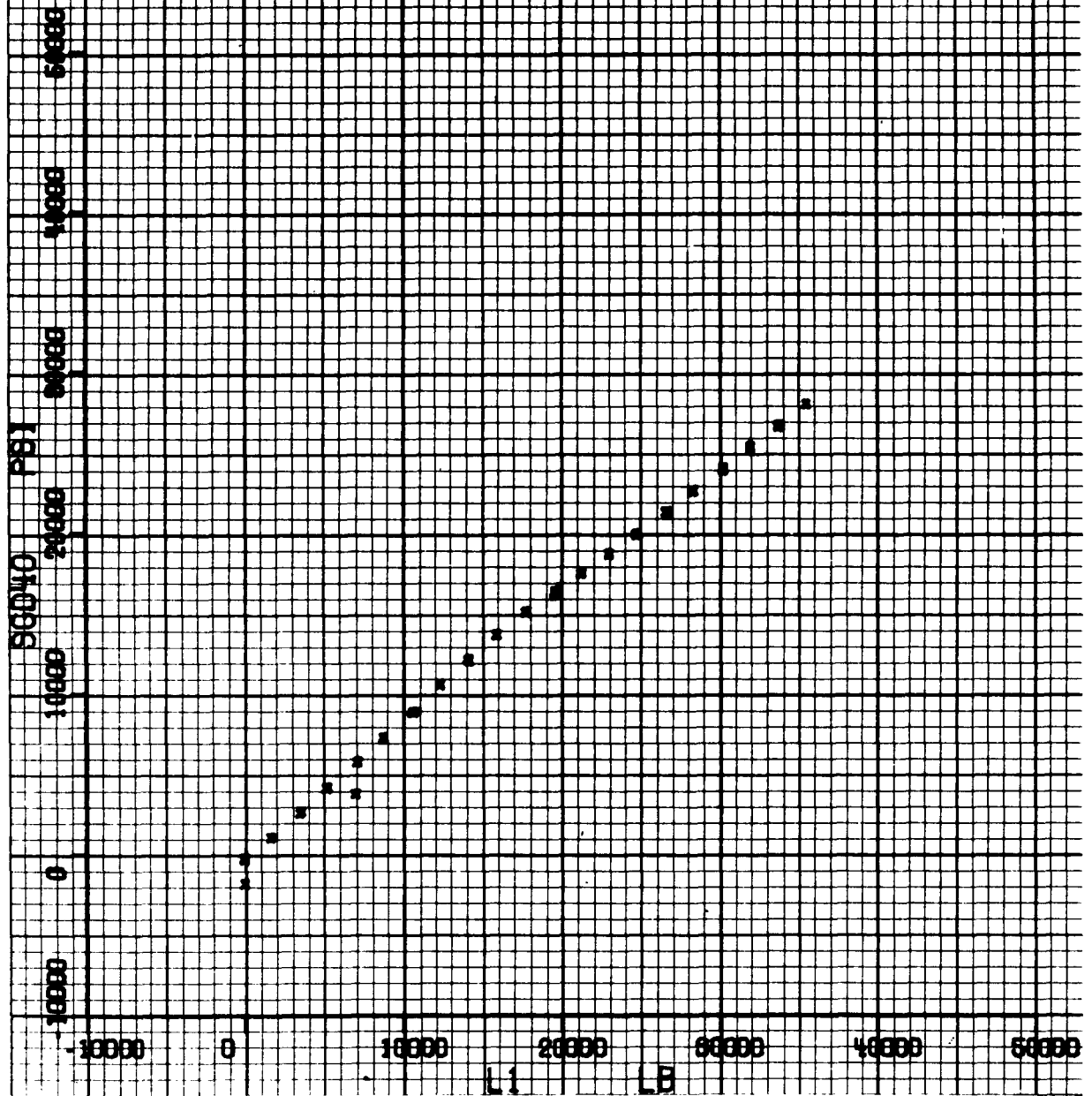
# SSI WING BOX STATIC SPECIMEN

TEST 020 9/9



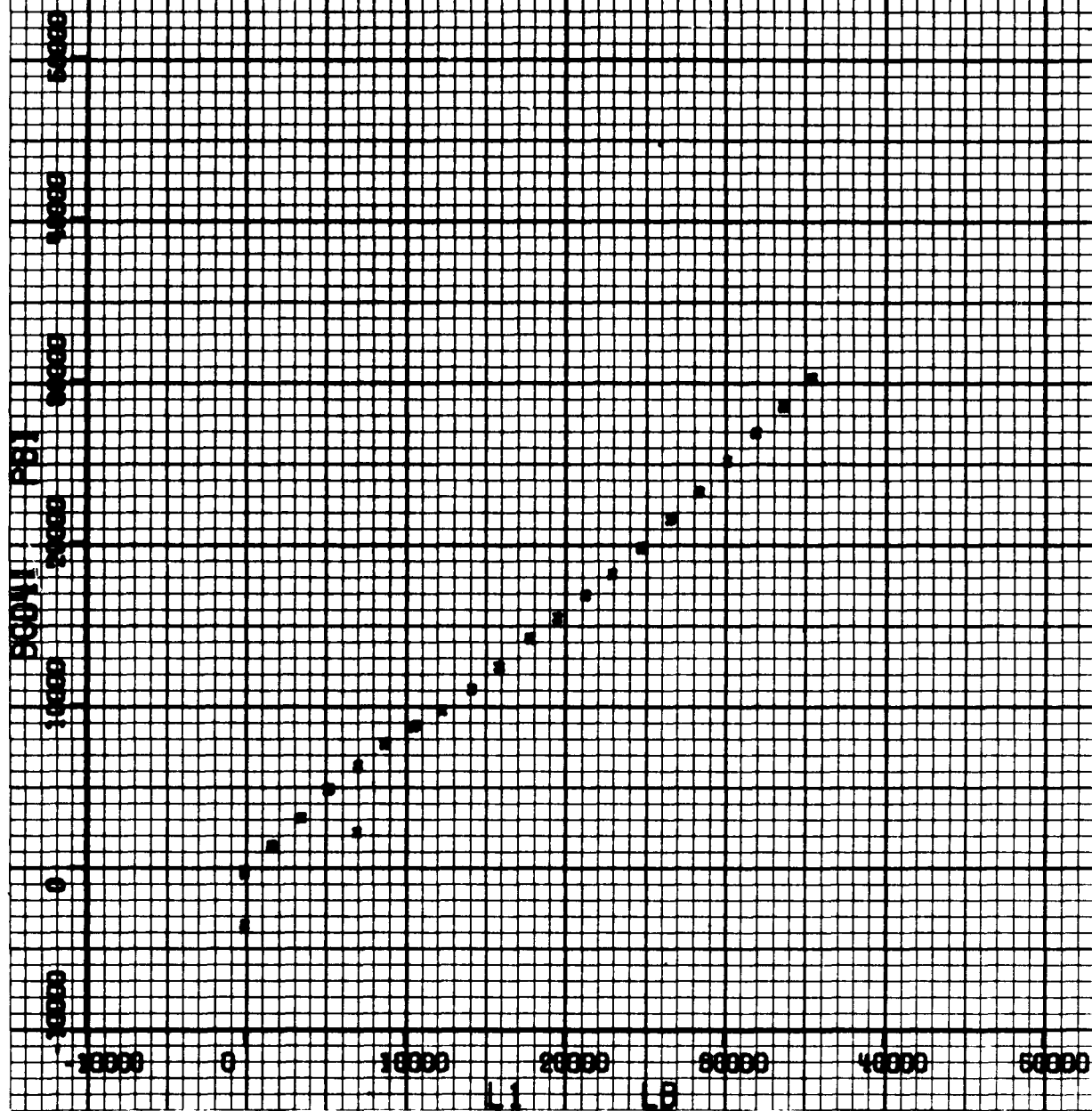
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



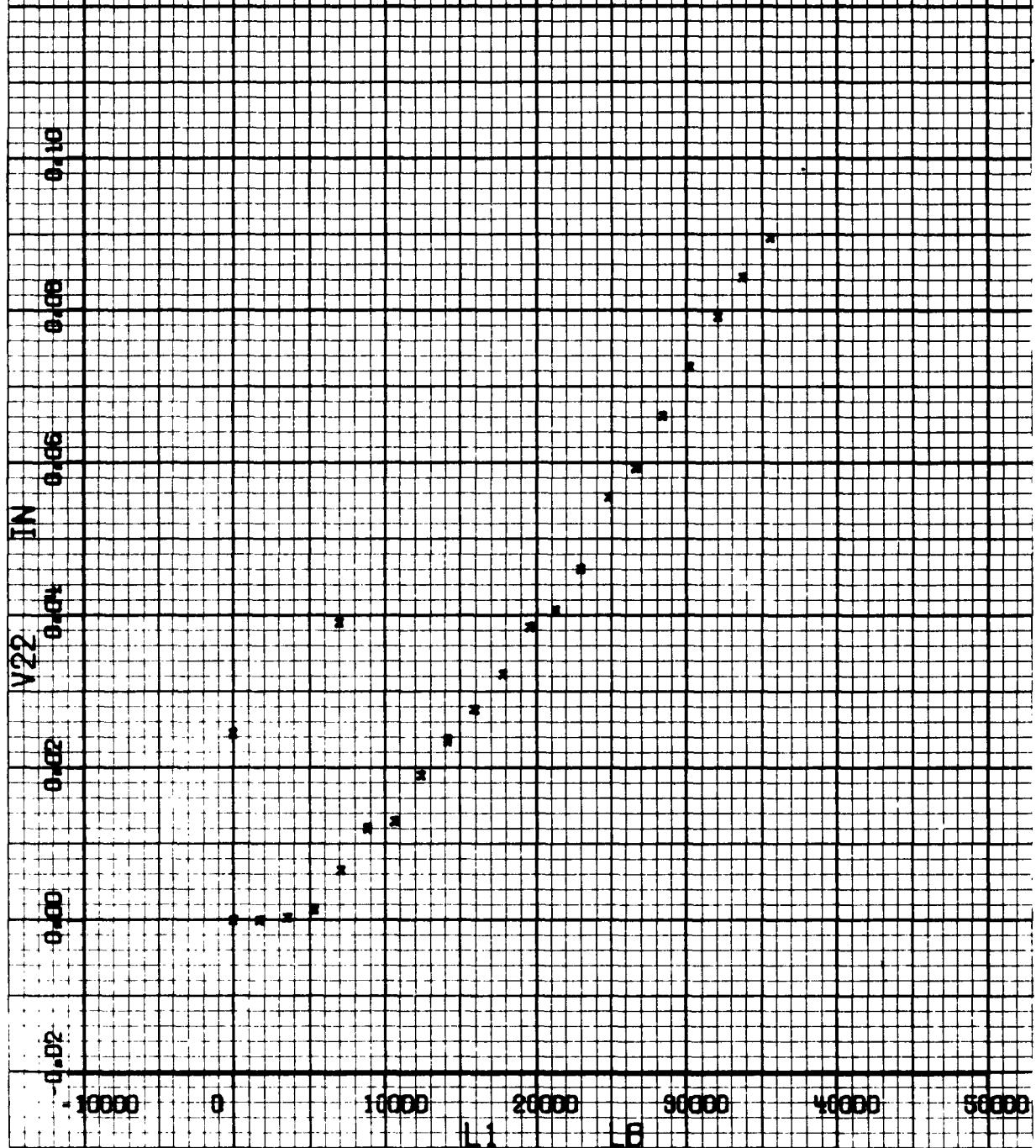
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



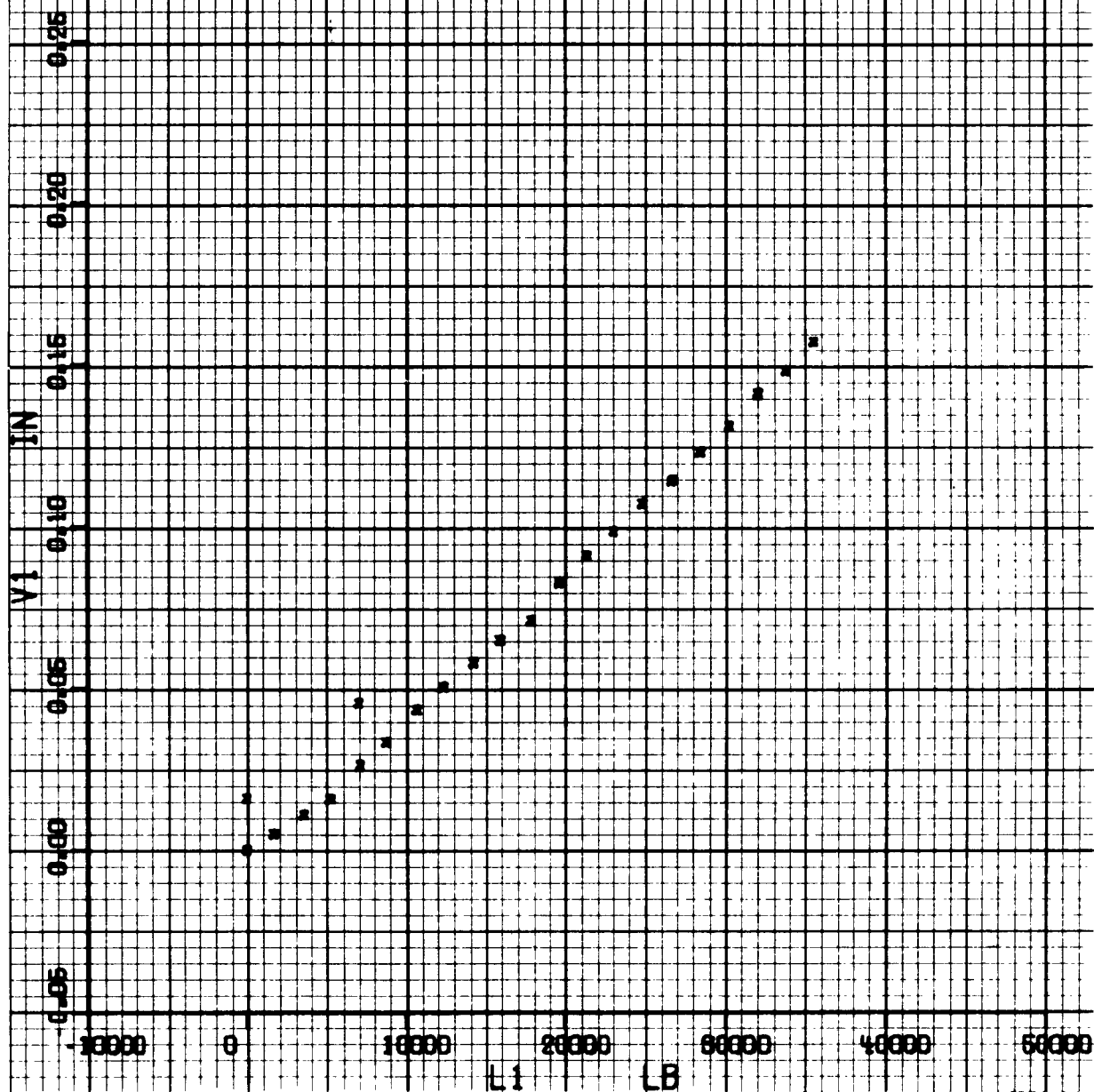
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9

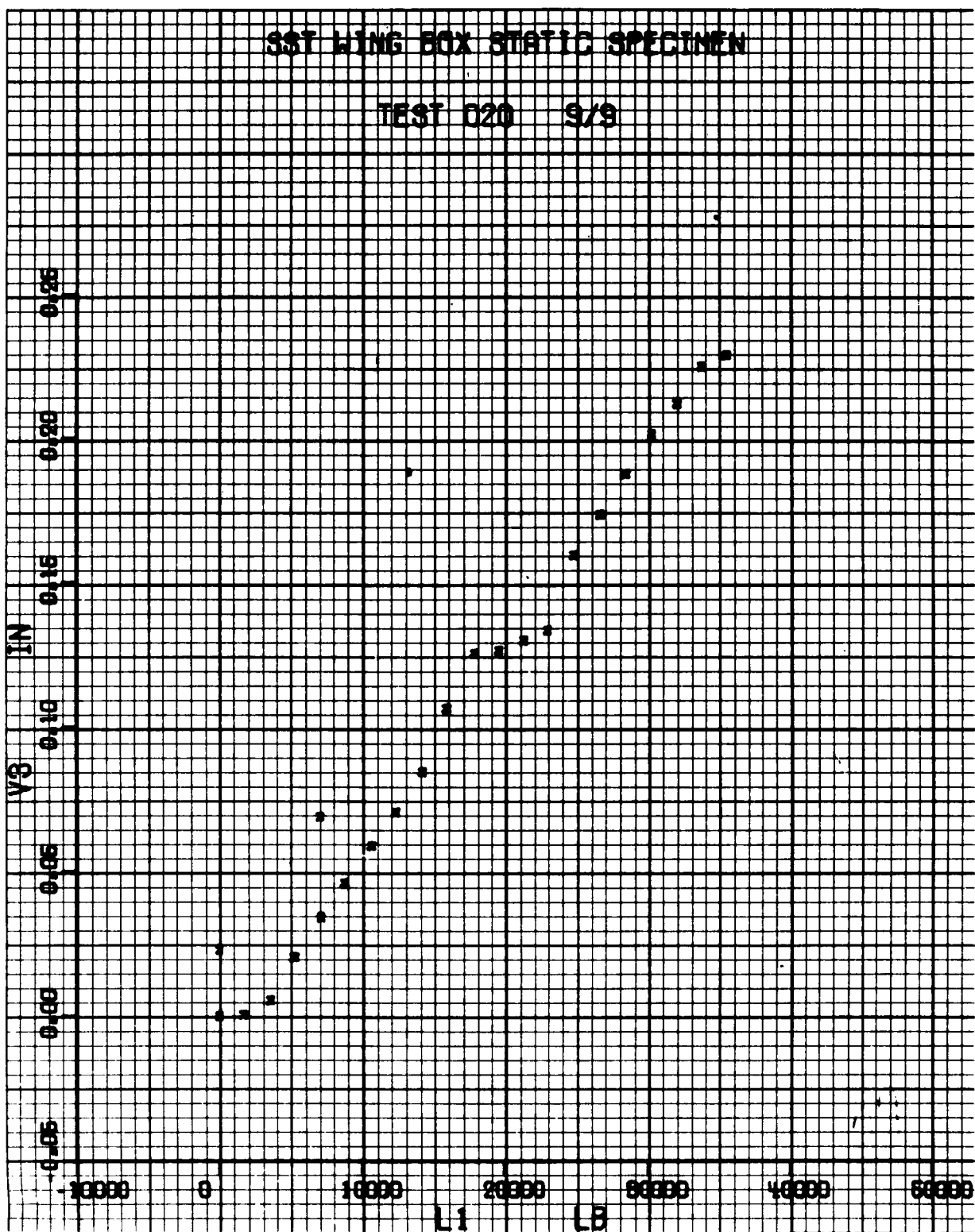


# SST WING BOX STATIC SPECIMEN

TEST 020 9/9

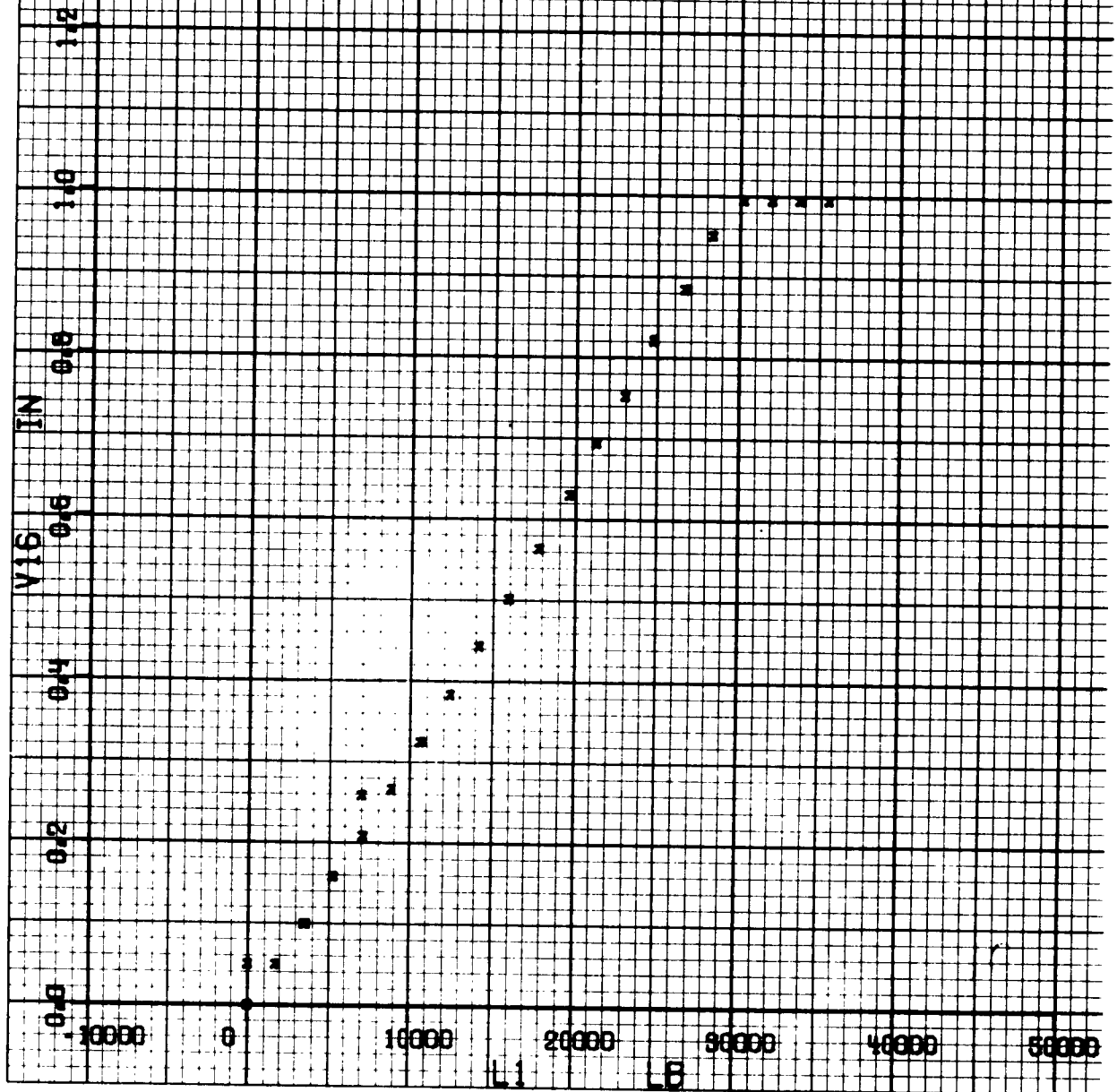






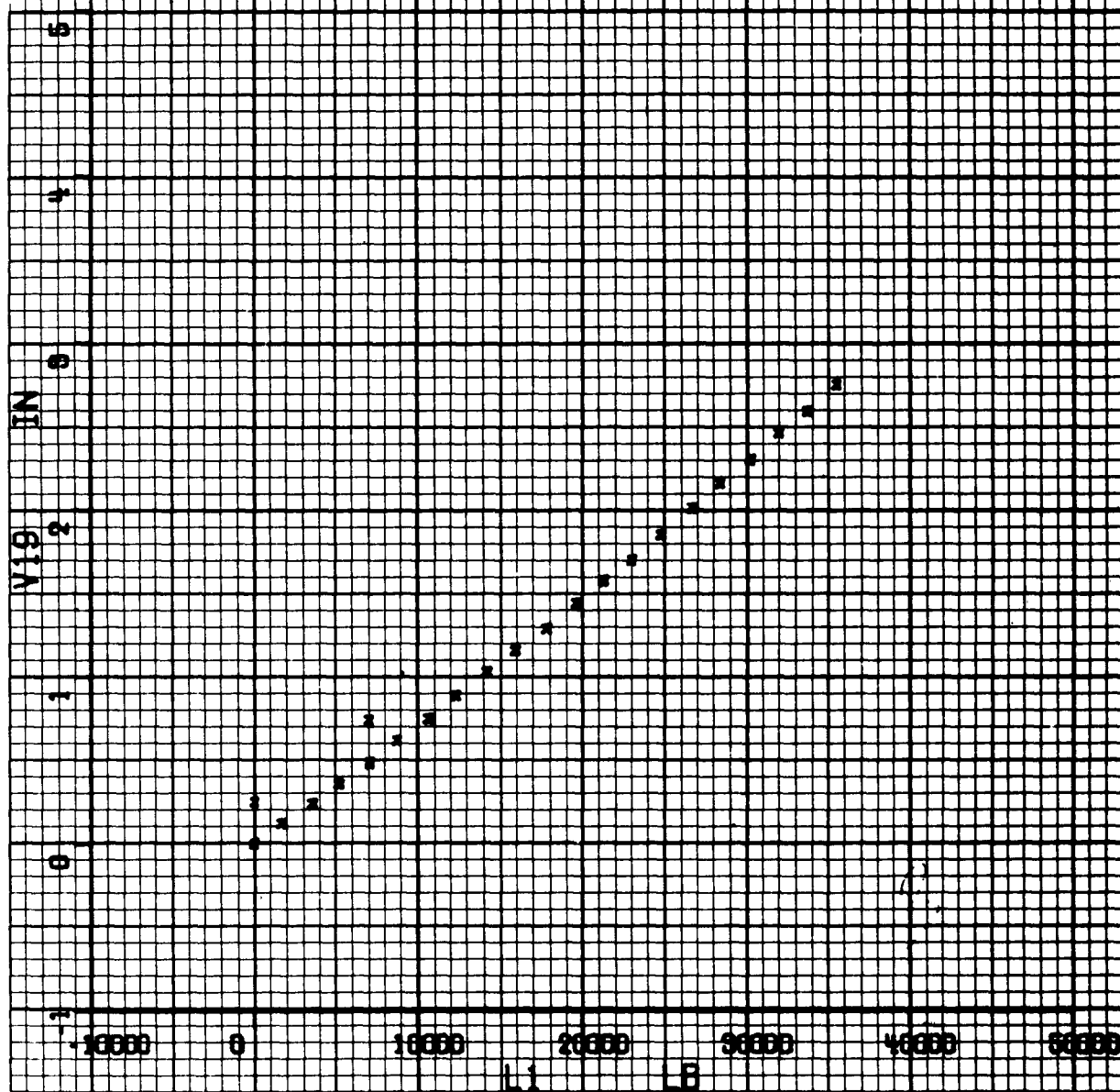
# SST WING BOX STATIC SPECIMEN

TEST Q20 9/9



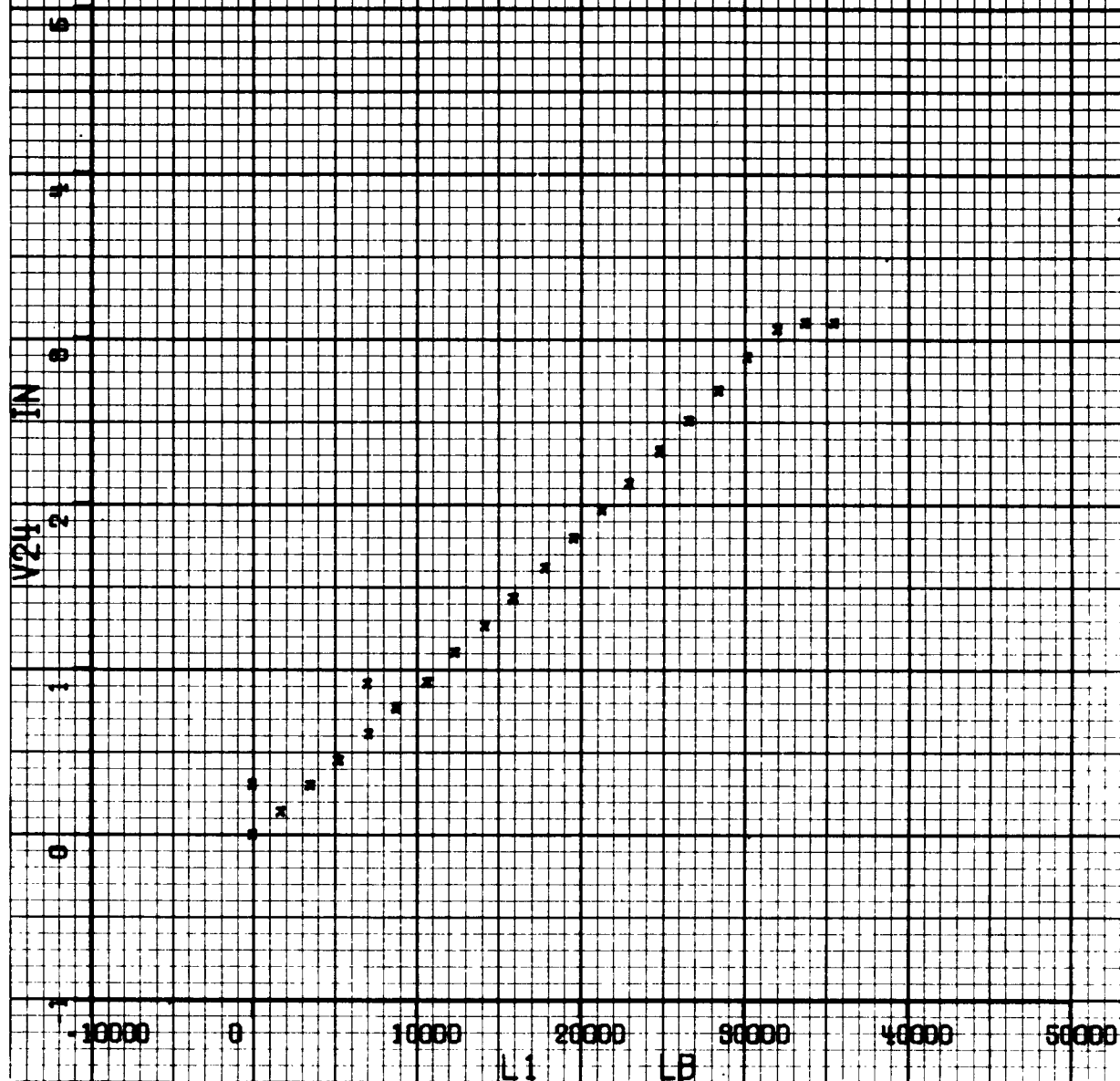
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



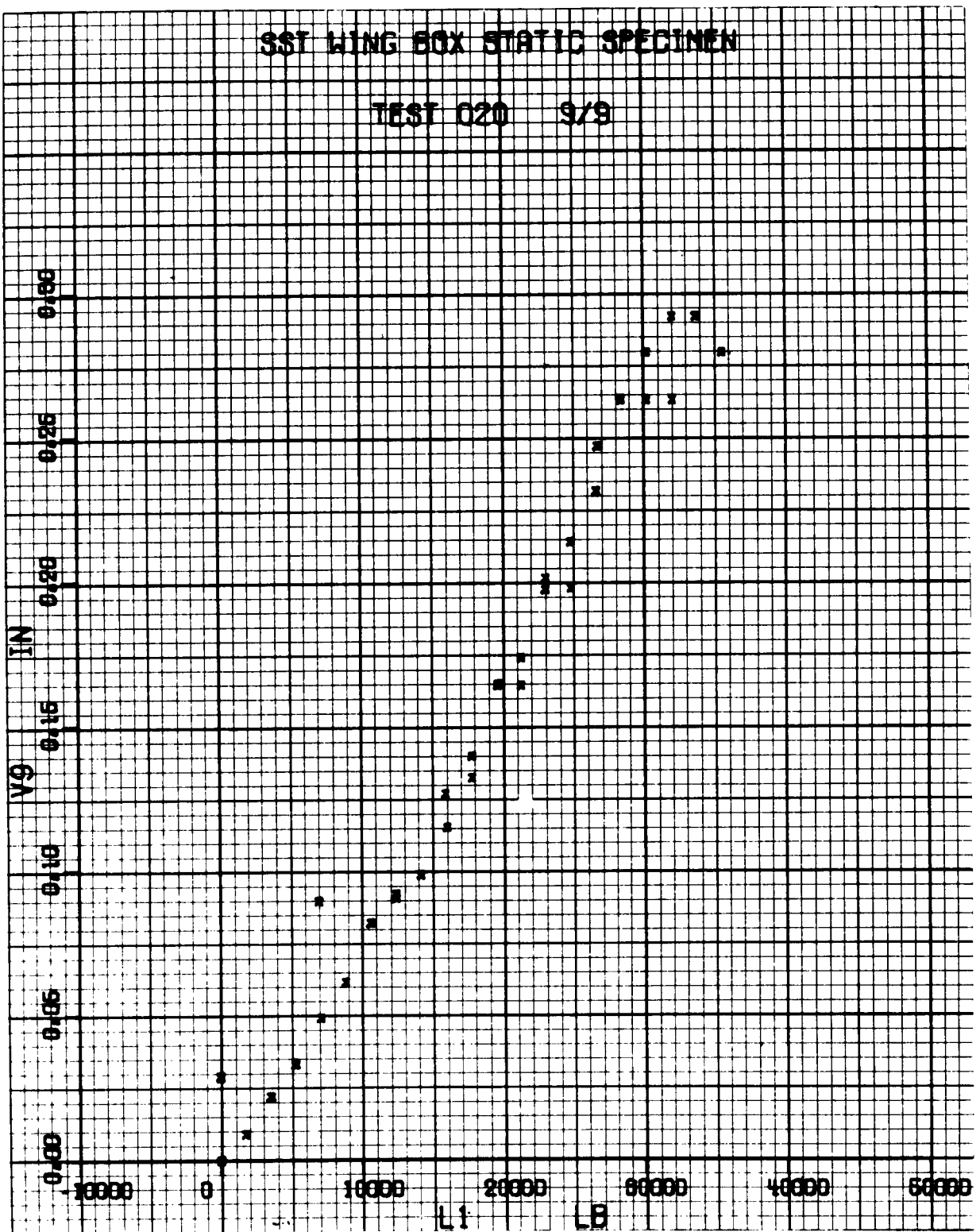
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



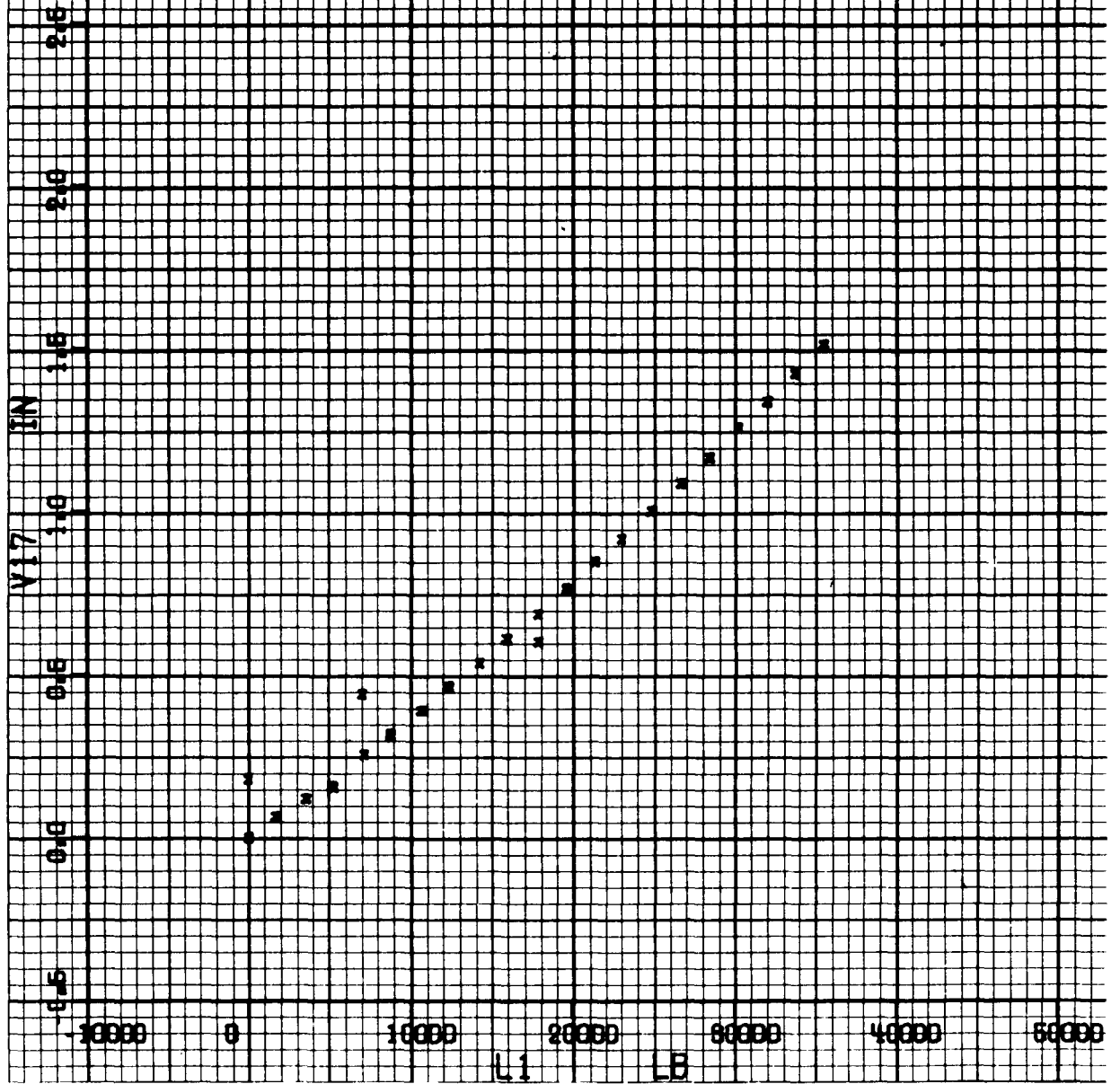
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TEST 020 9/9



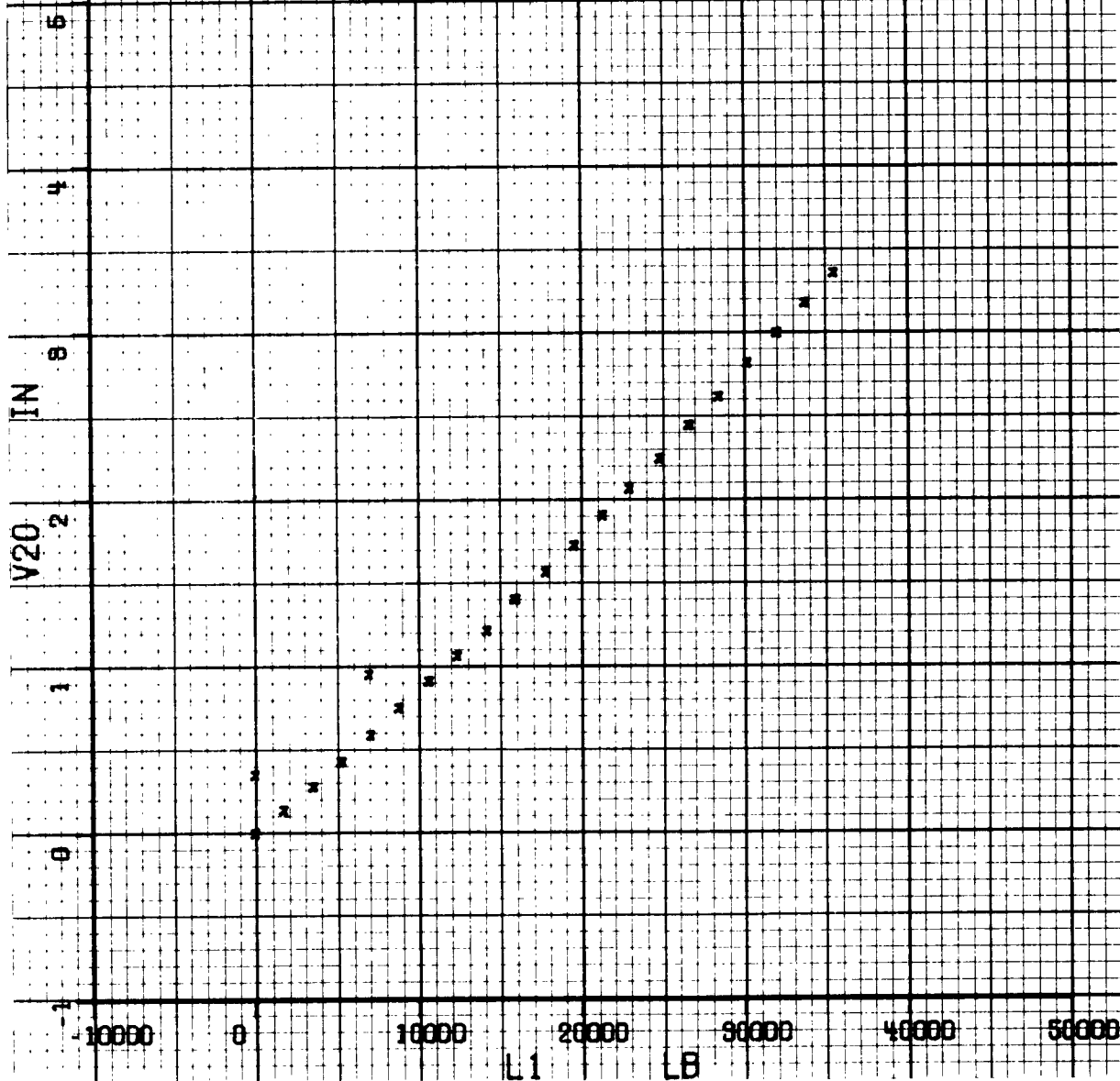
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



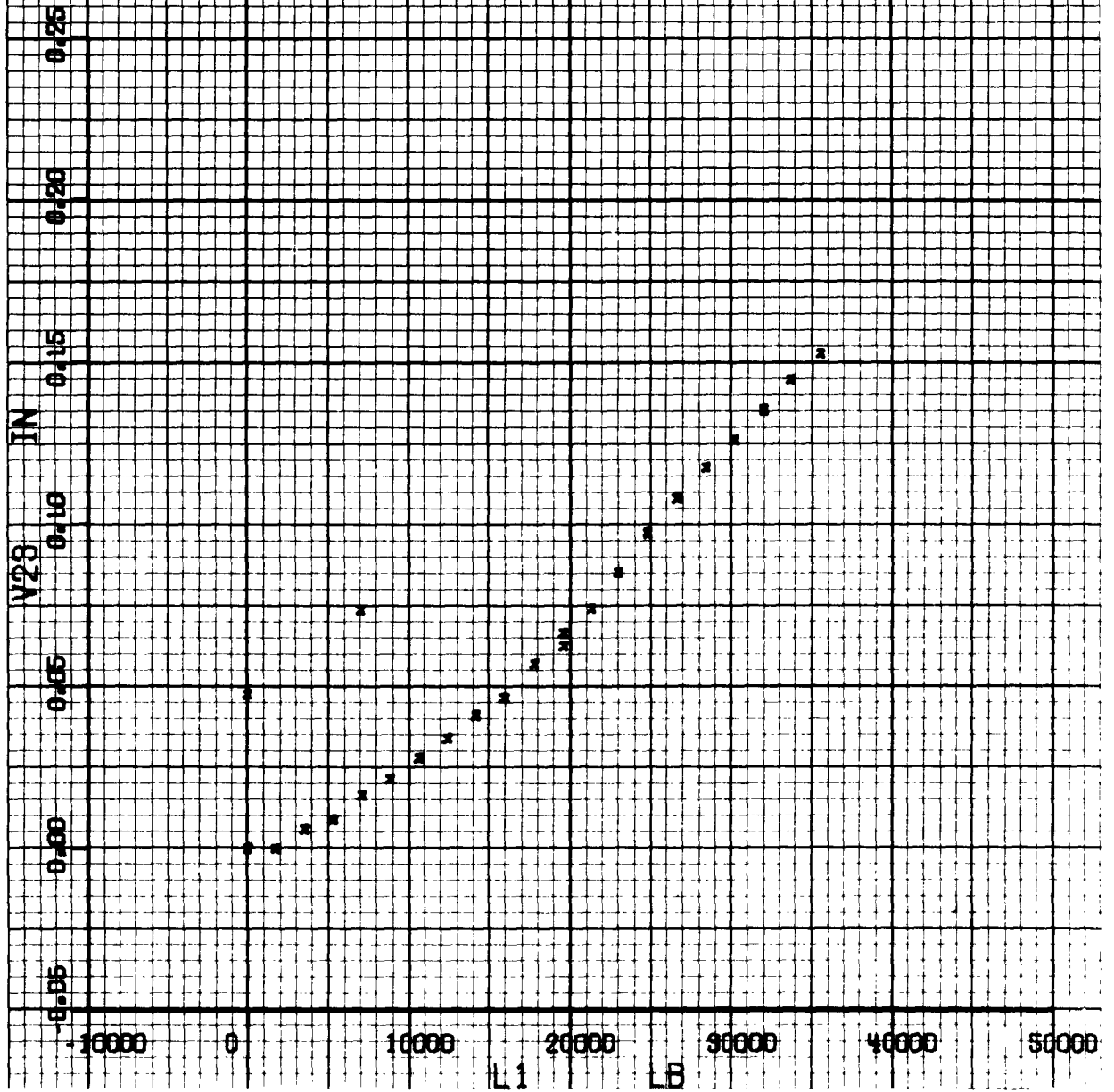
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



# SST WING BOX STATIC SPECIMEN

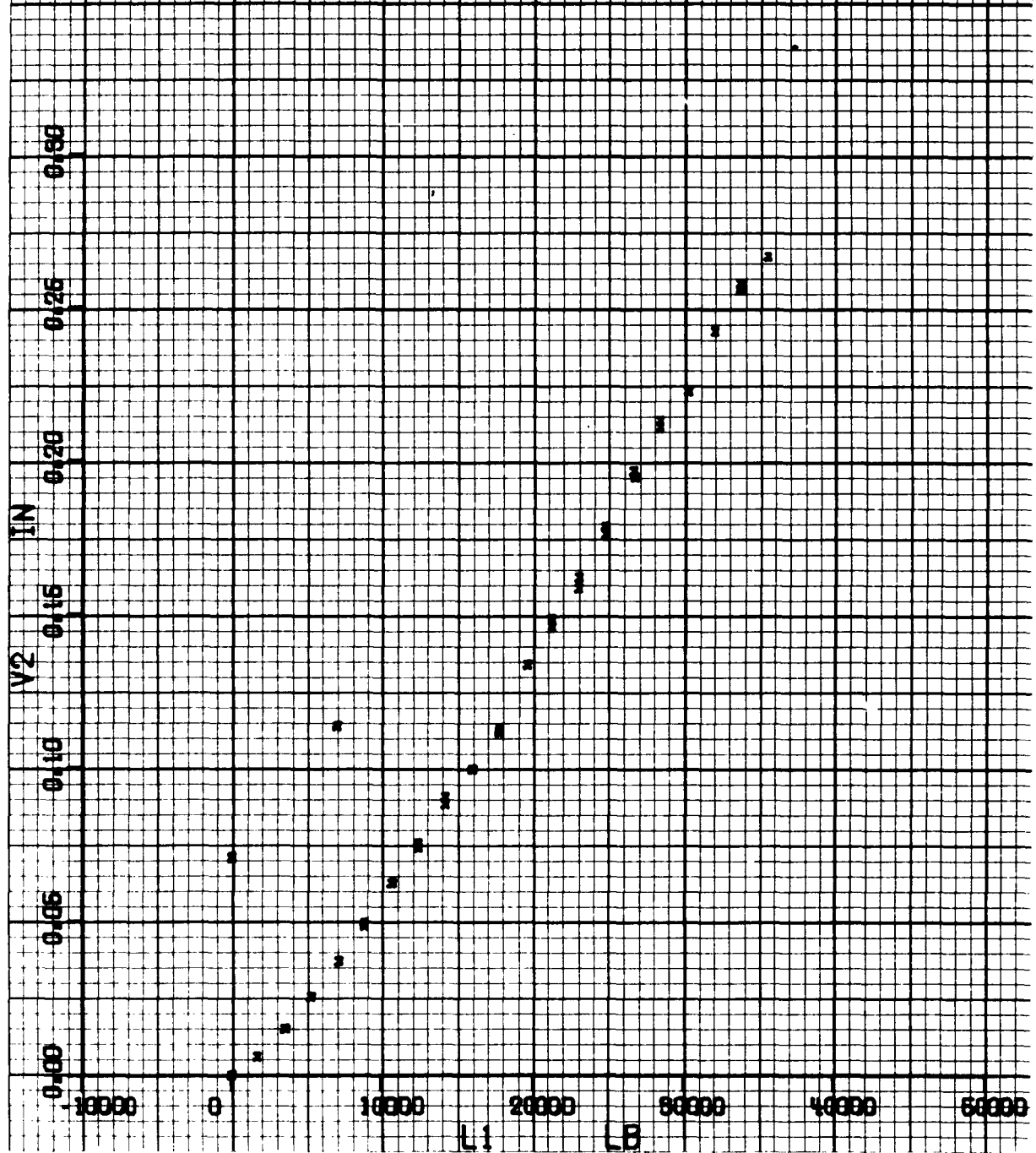
TEST 020 9/9





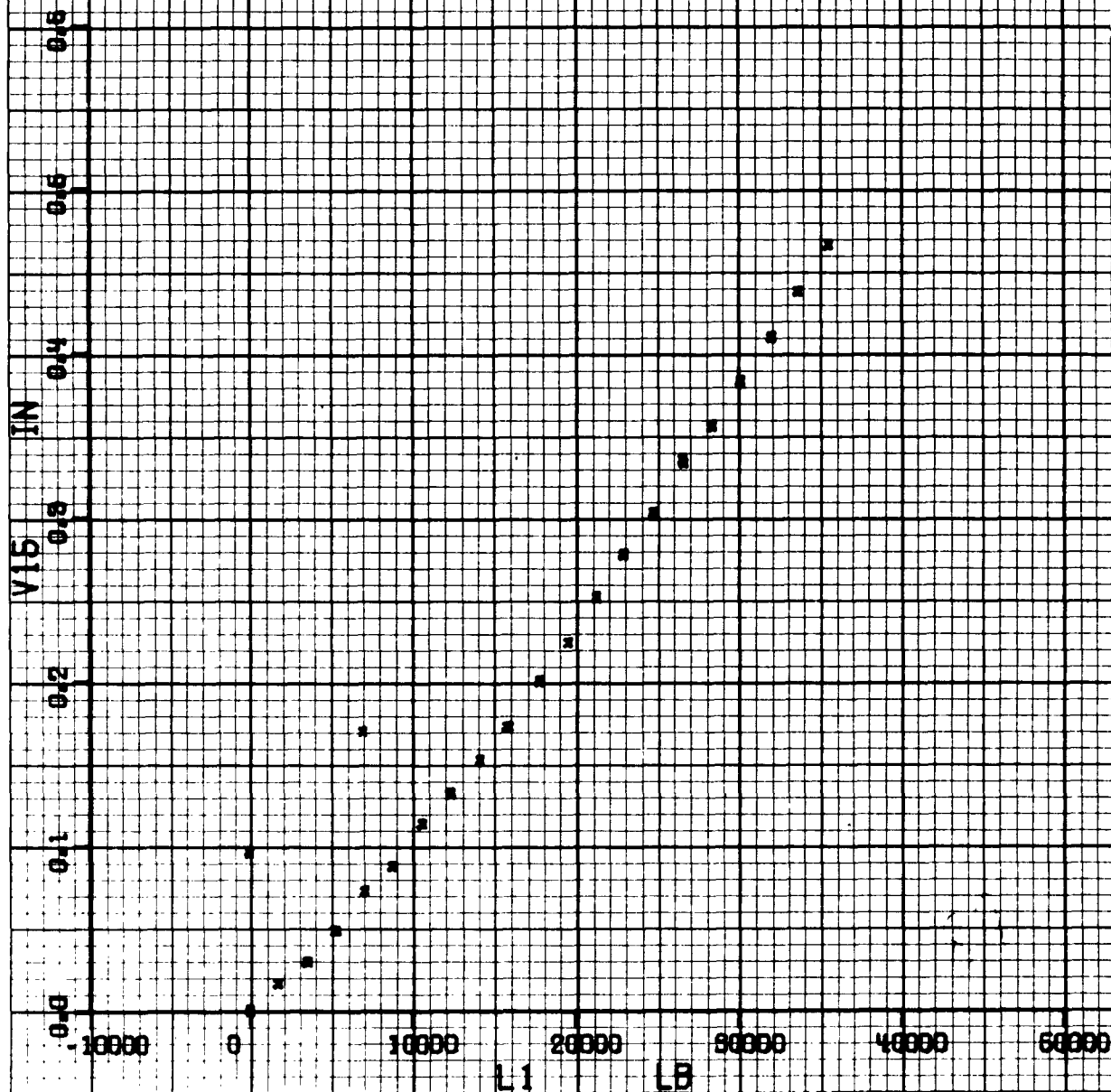
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



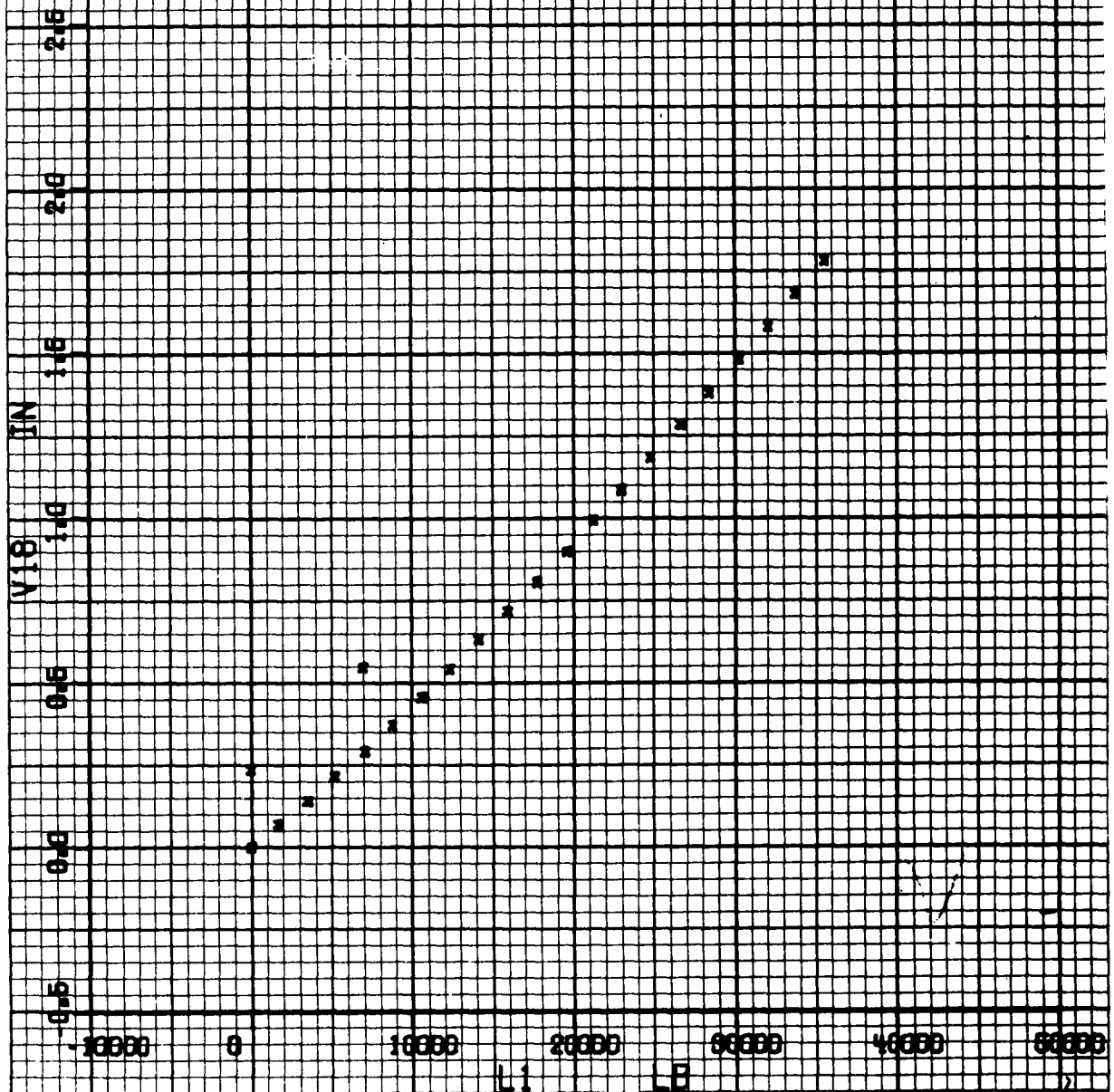
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



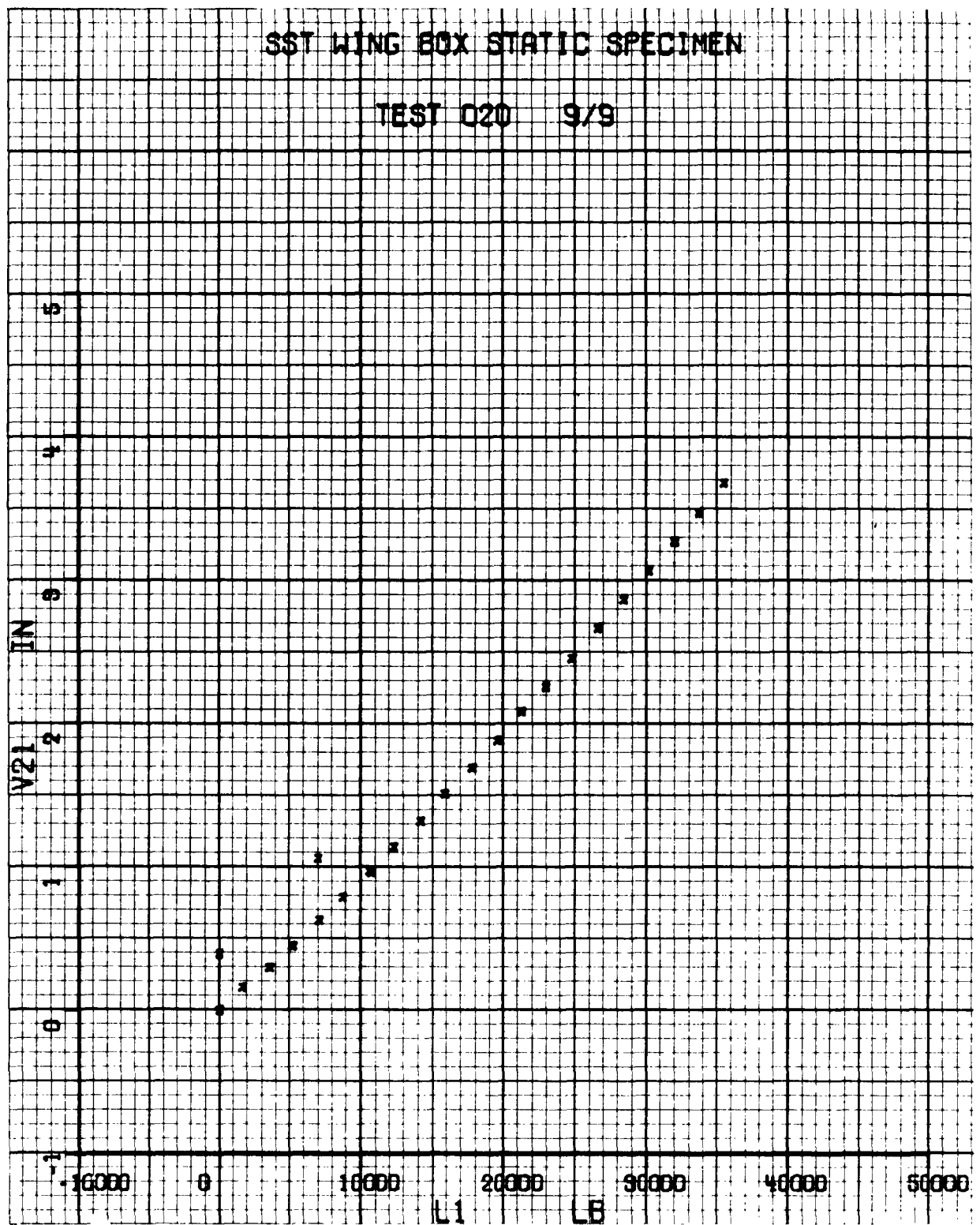
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



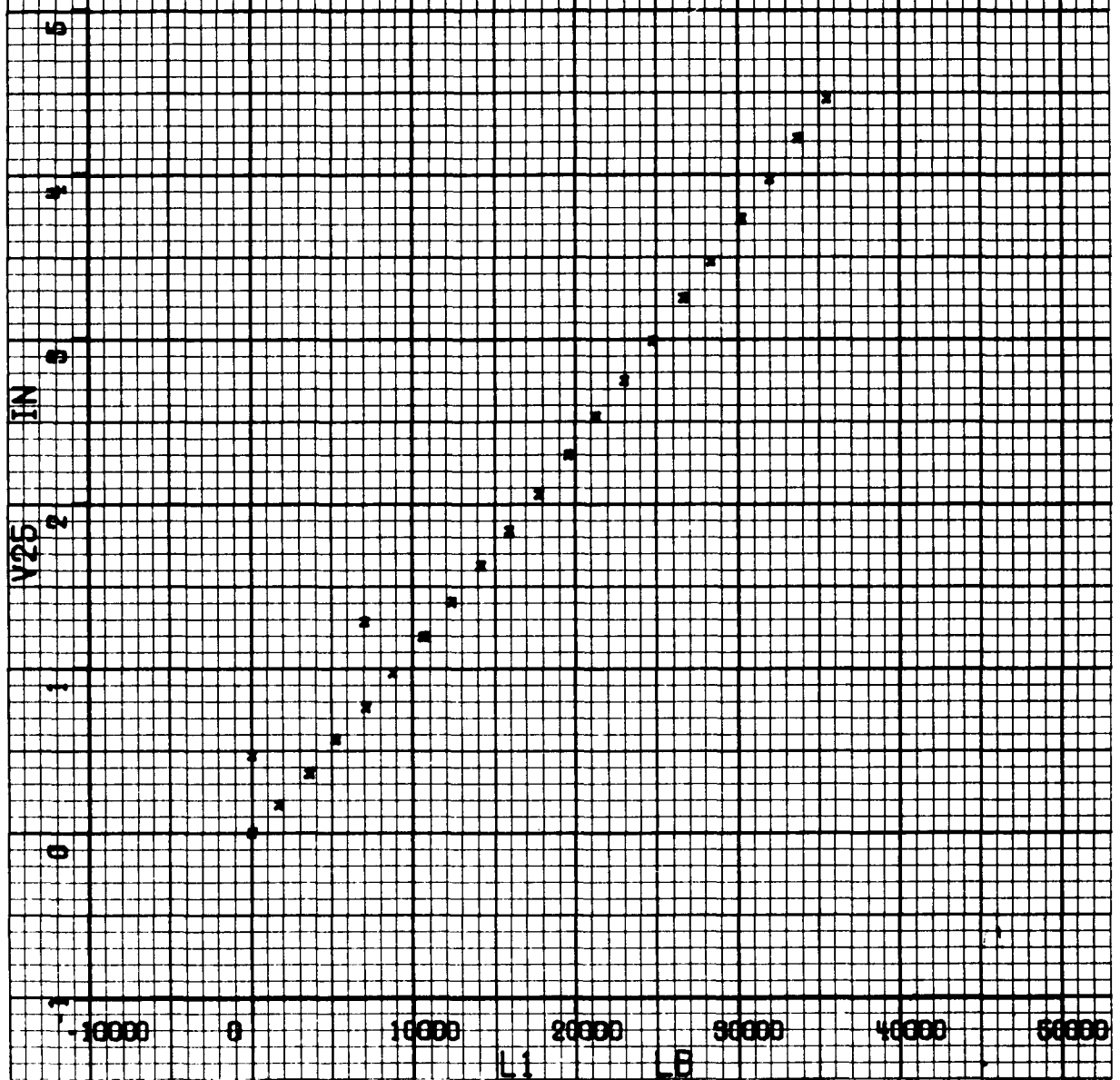
# SST WING BOX STATIC SPECIMEN

TEST 020 9/9



# SST WING BOX STATIC SPECIMEN

TEST 020 9/9

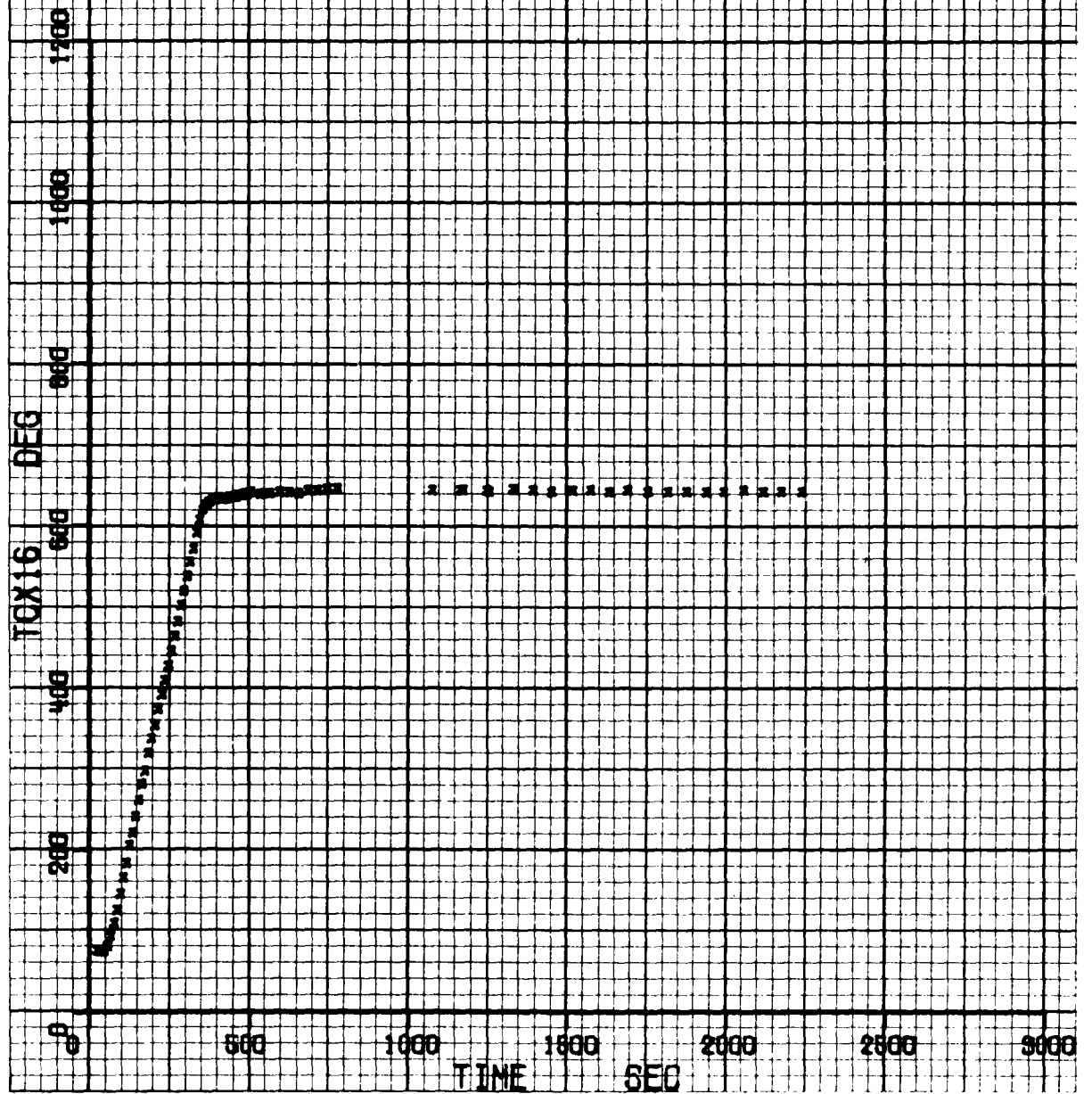


TEST No. 21

Jack Location	W.S. <u>189</u> ; F.S. <u>60</u>
Jack Load, lb	<u>7,070</u>
Percent of Limit	<u>20</u>
Fuel Condition	Tanks <u>EMPTY</u>
Tank Pressure, psi	<u>0</u>
Maximum Surface Temperature, °F	<u>650</u>

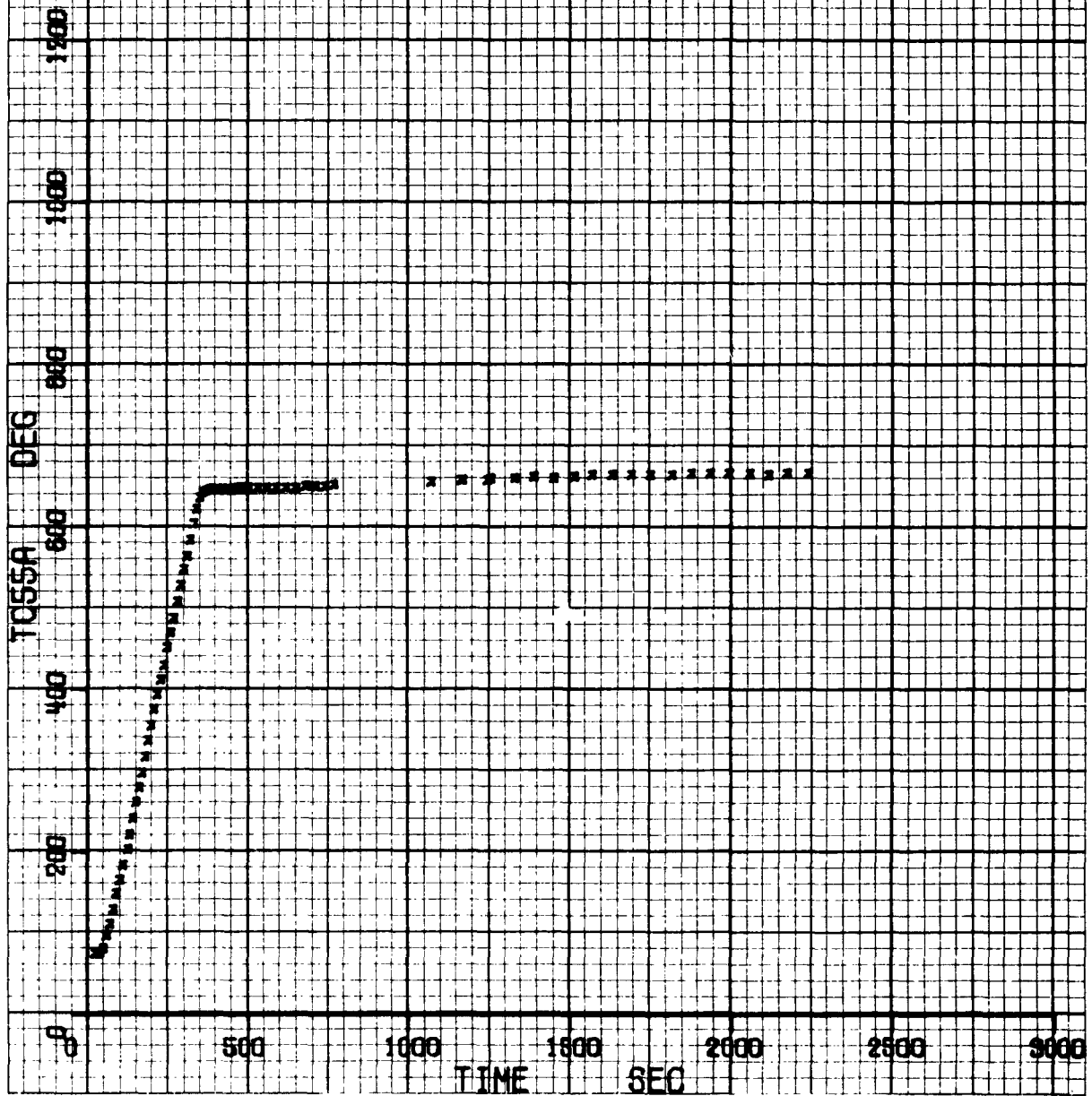
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

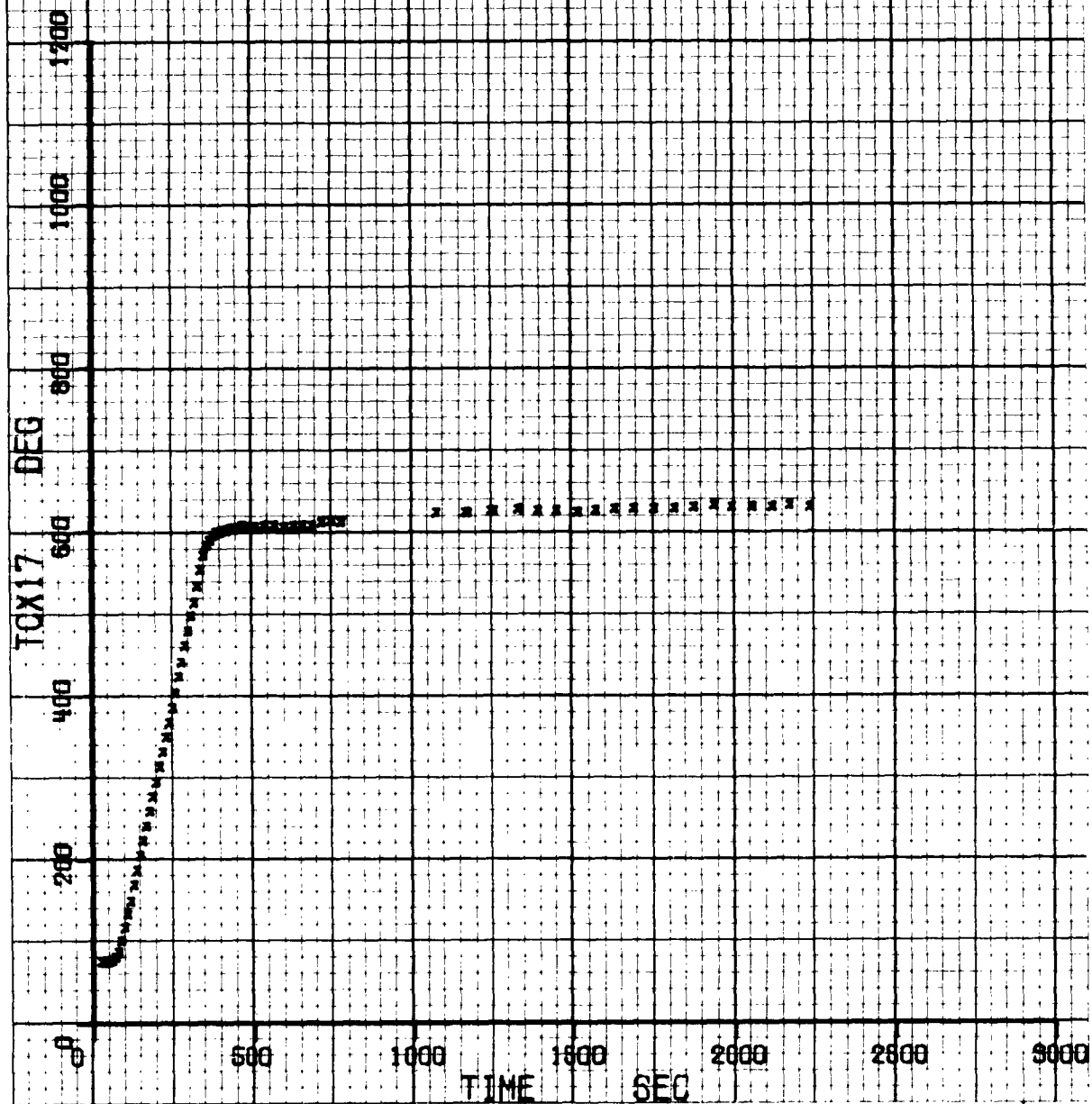
TEST 021 9/15





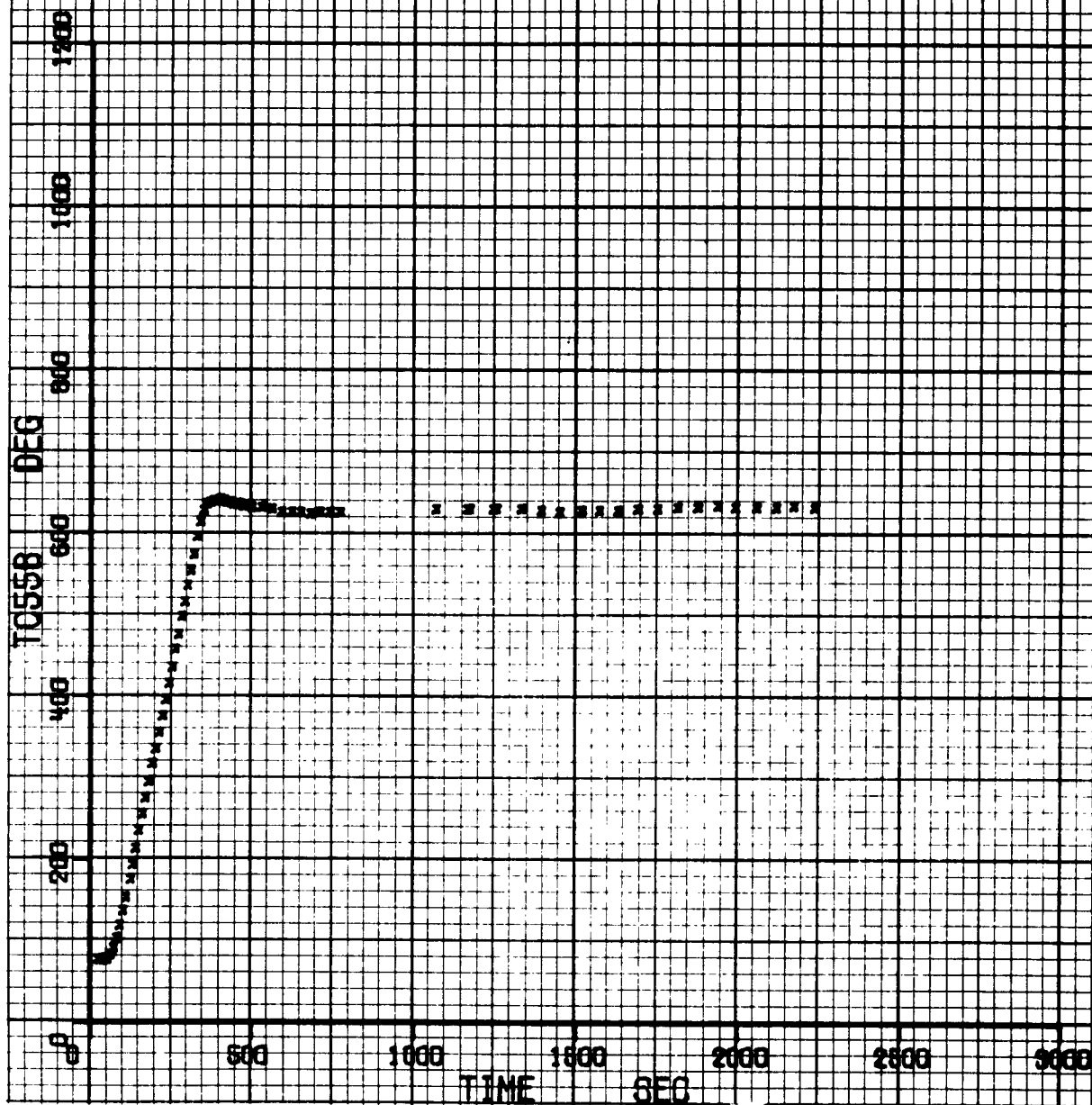
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



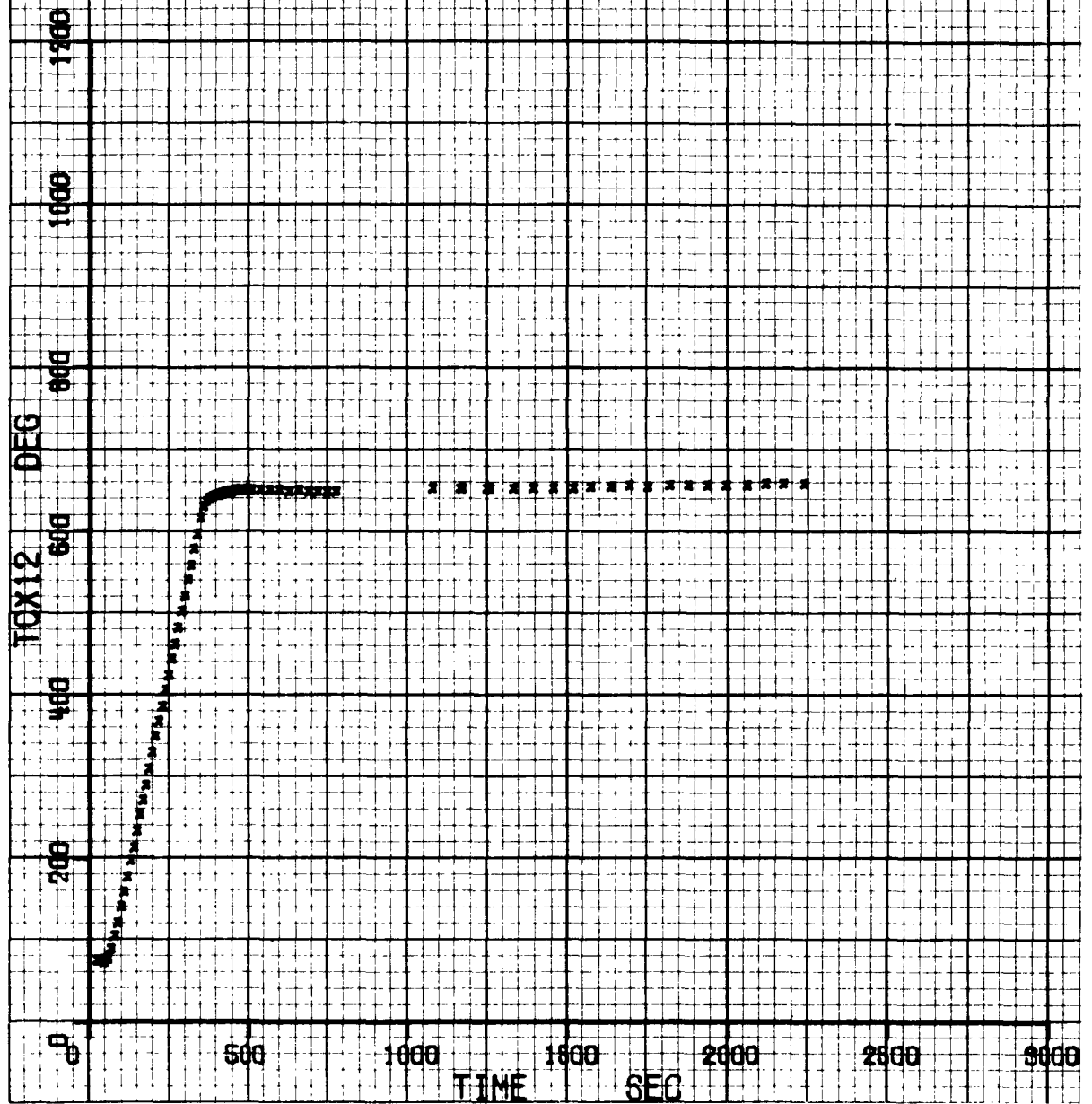
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



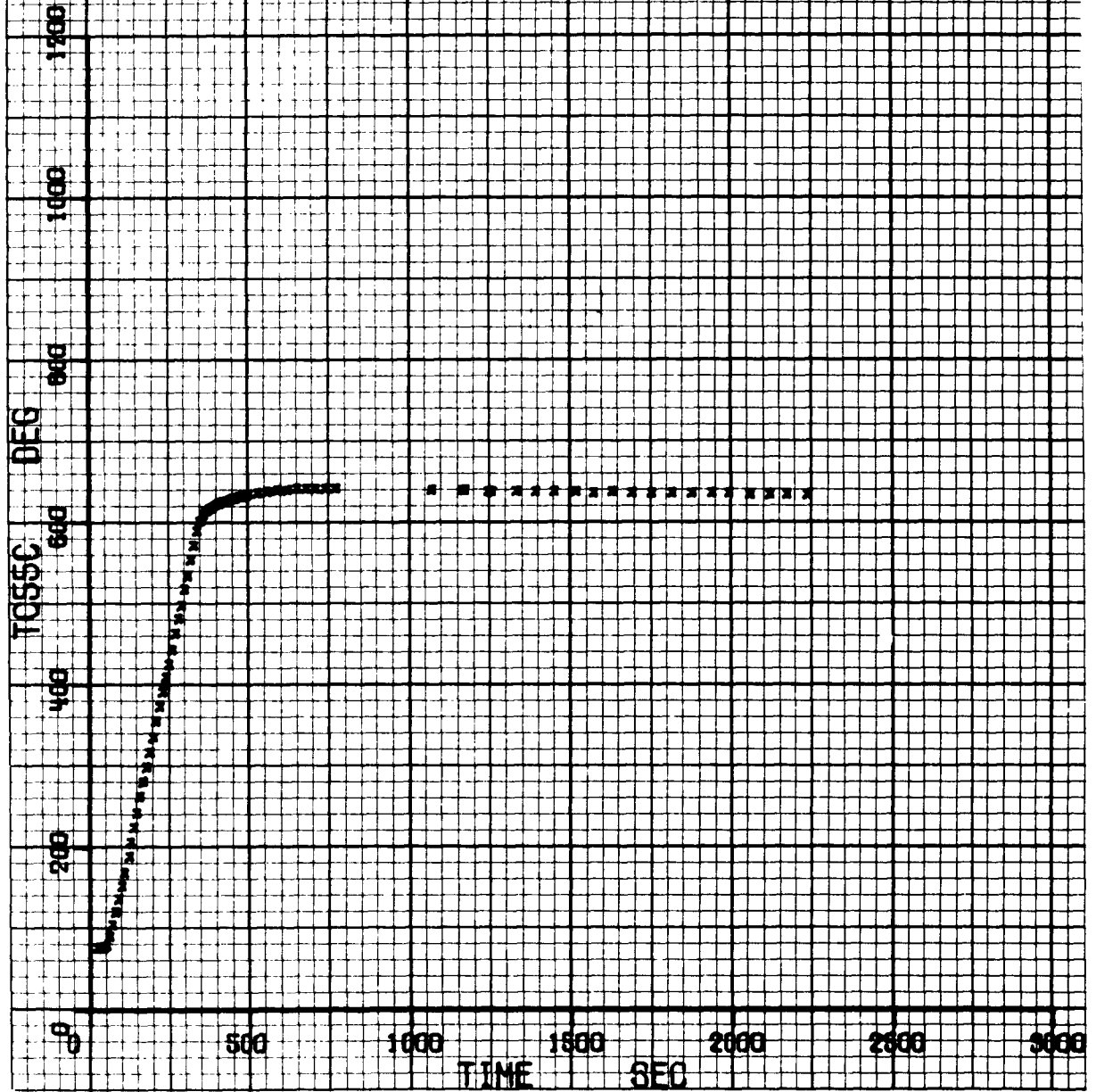
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



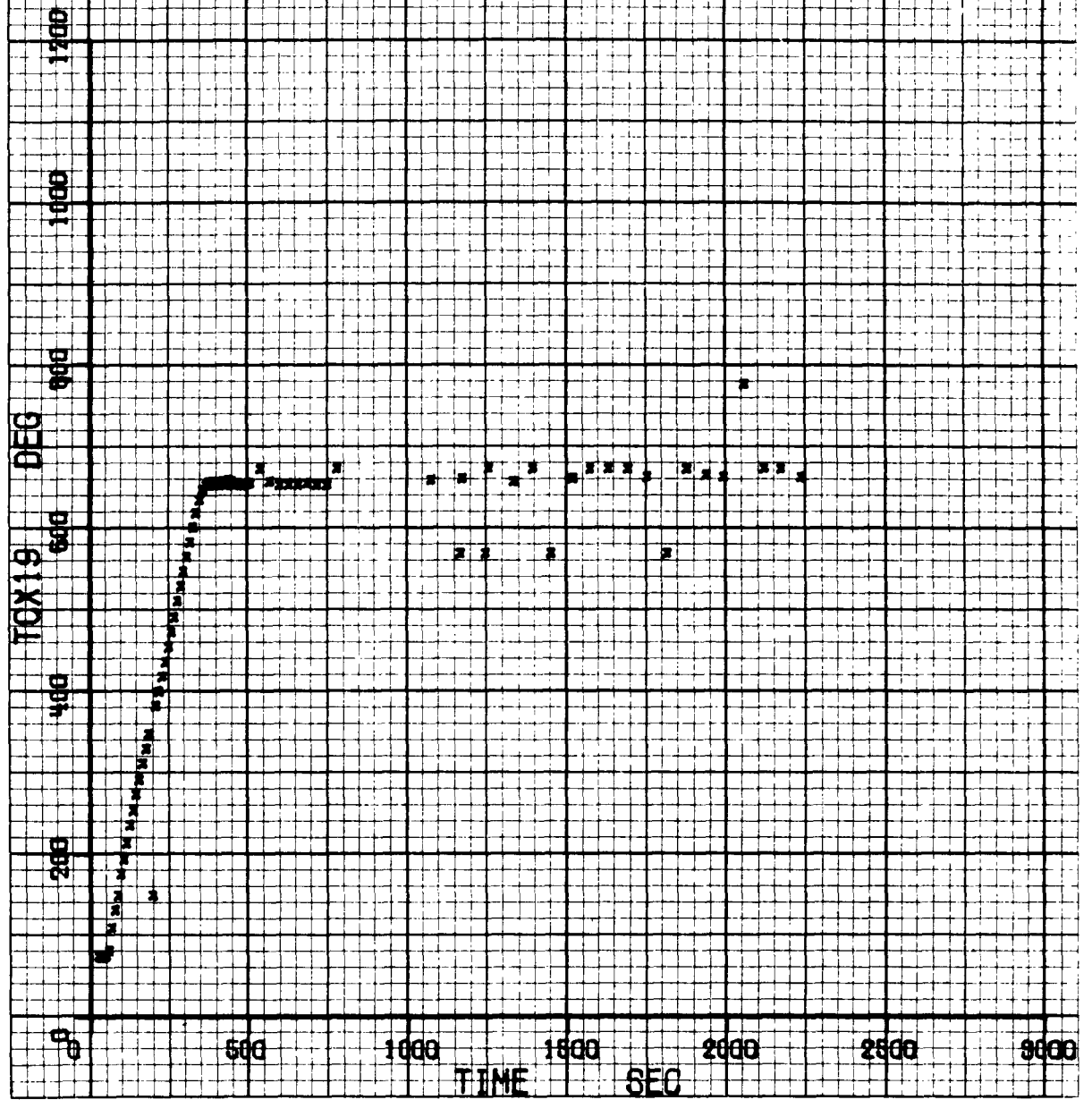
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



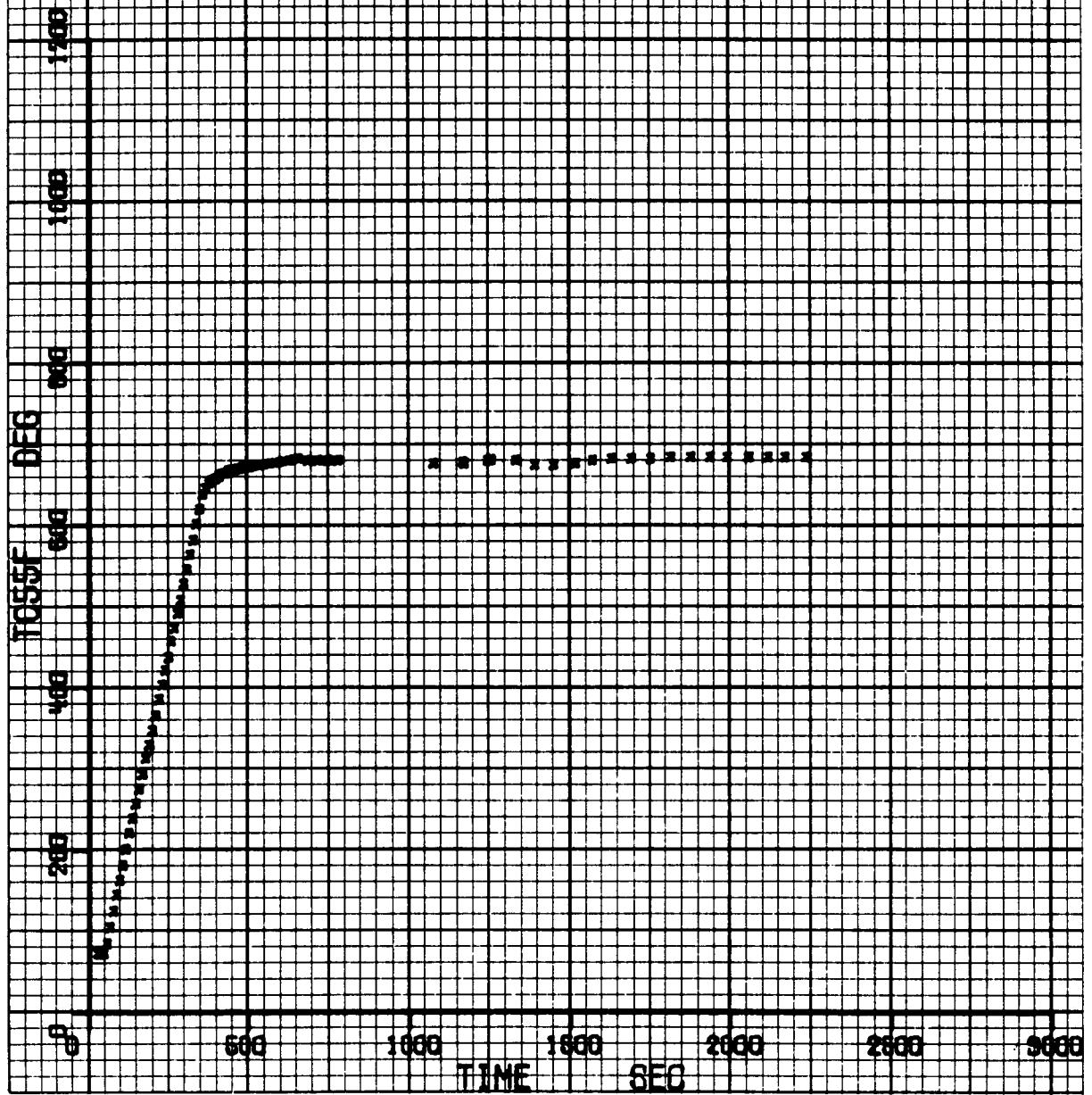
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



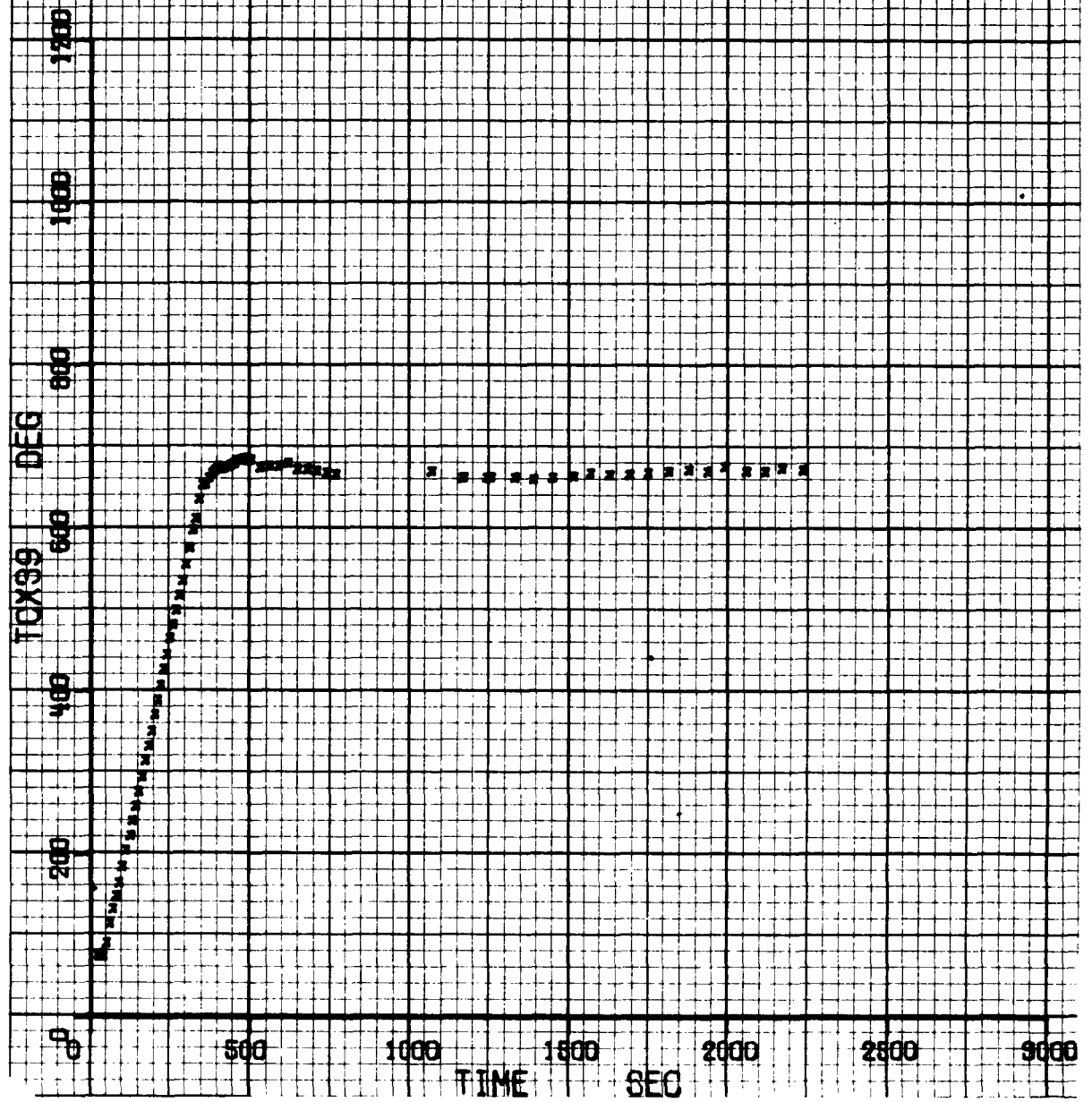
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



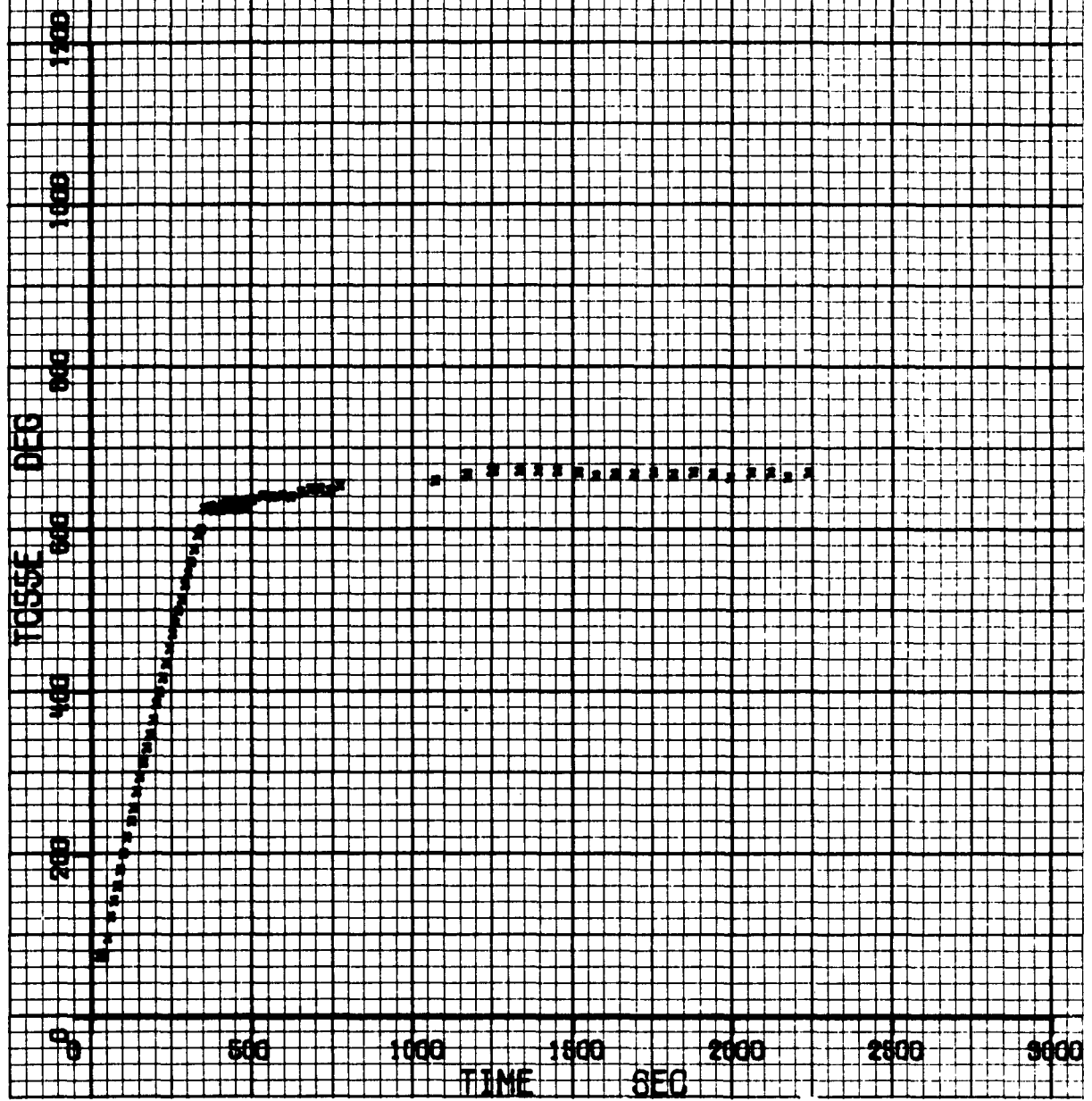
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

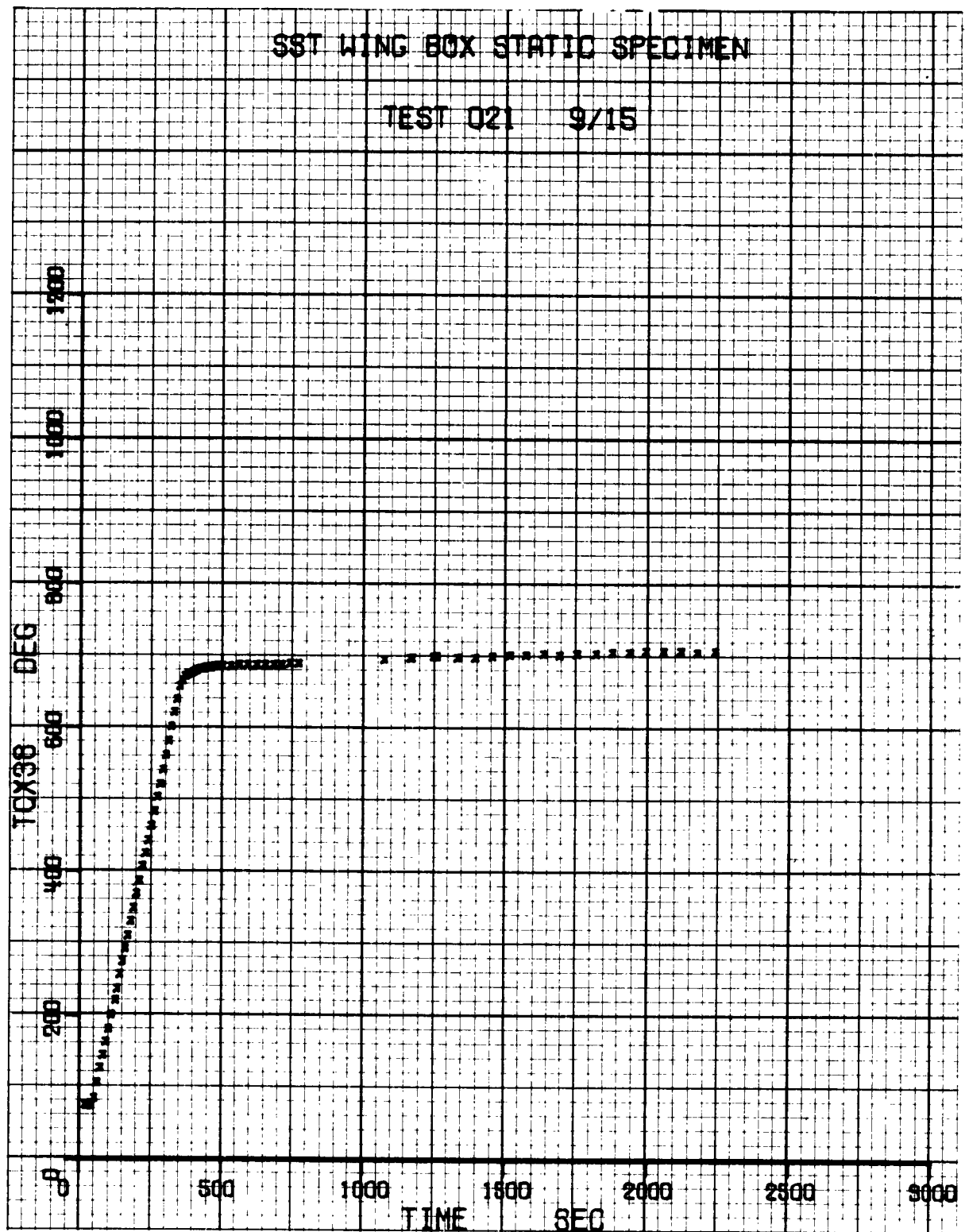
TEST 021 9/15

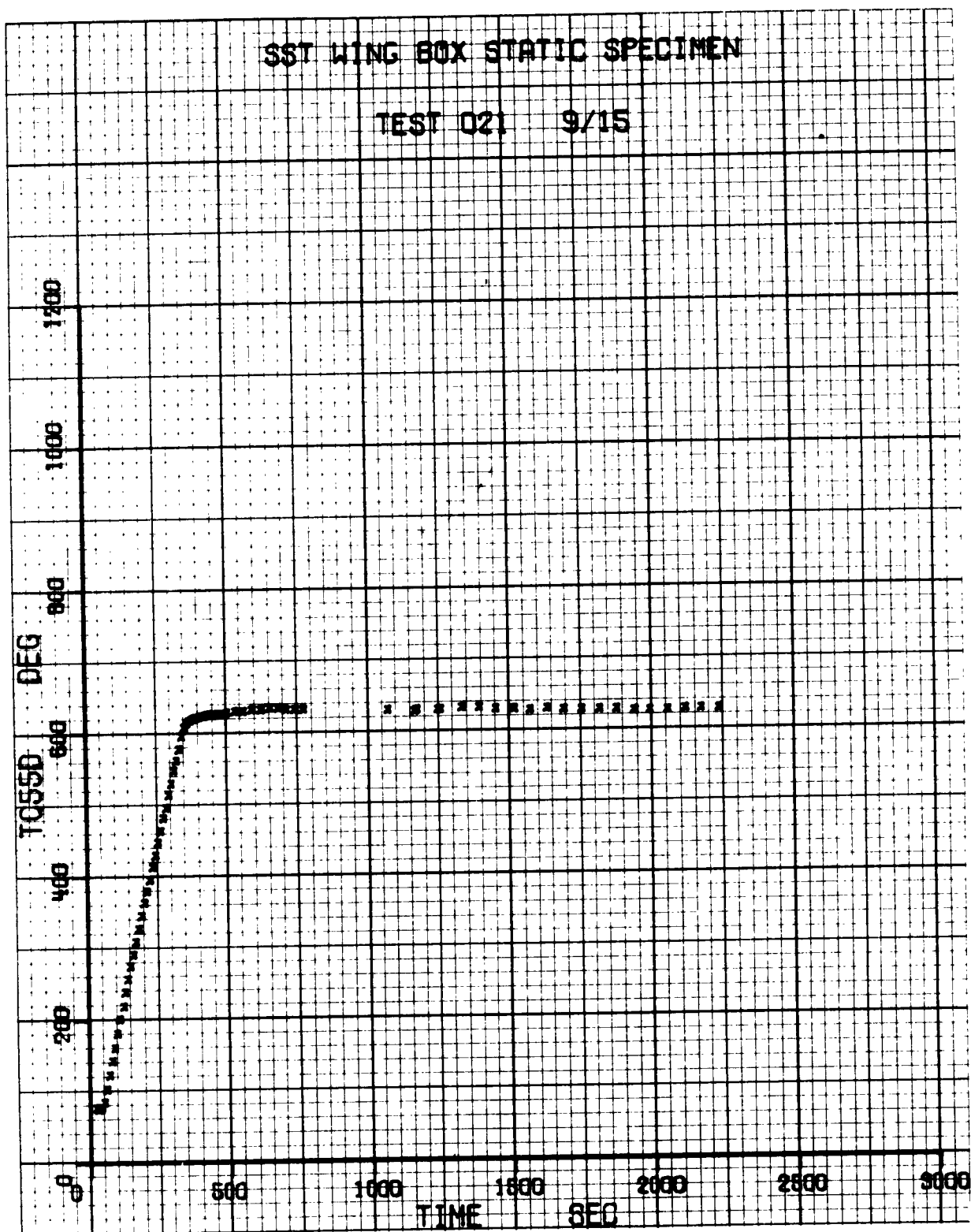


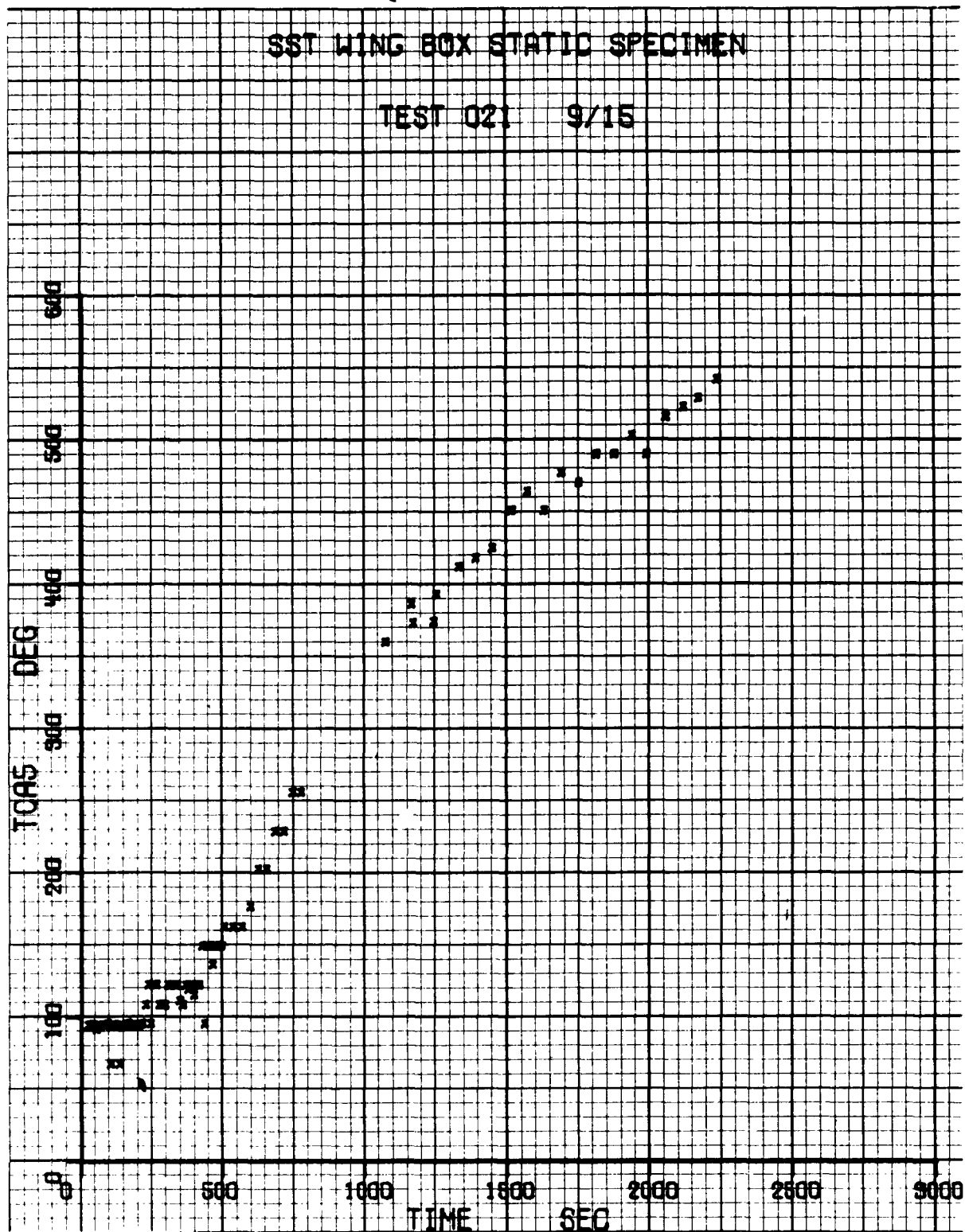


# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

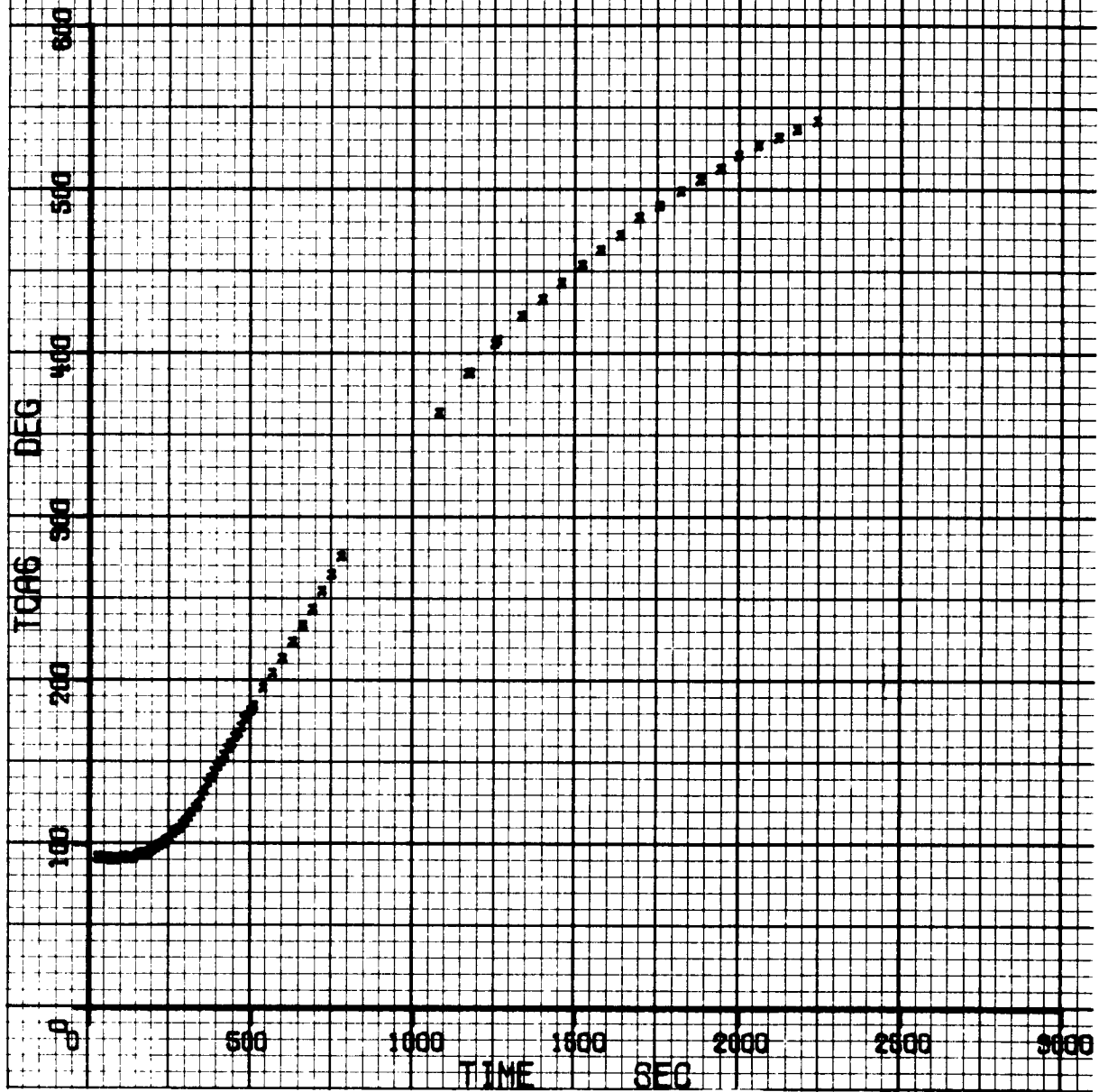






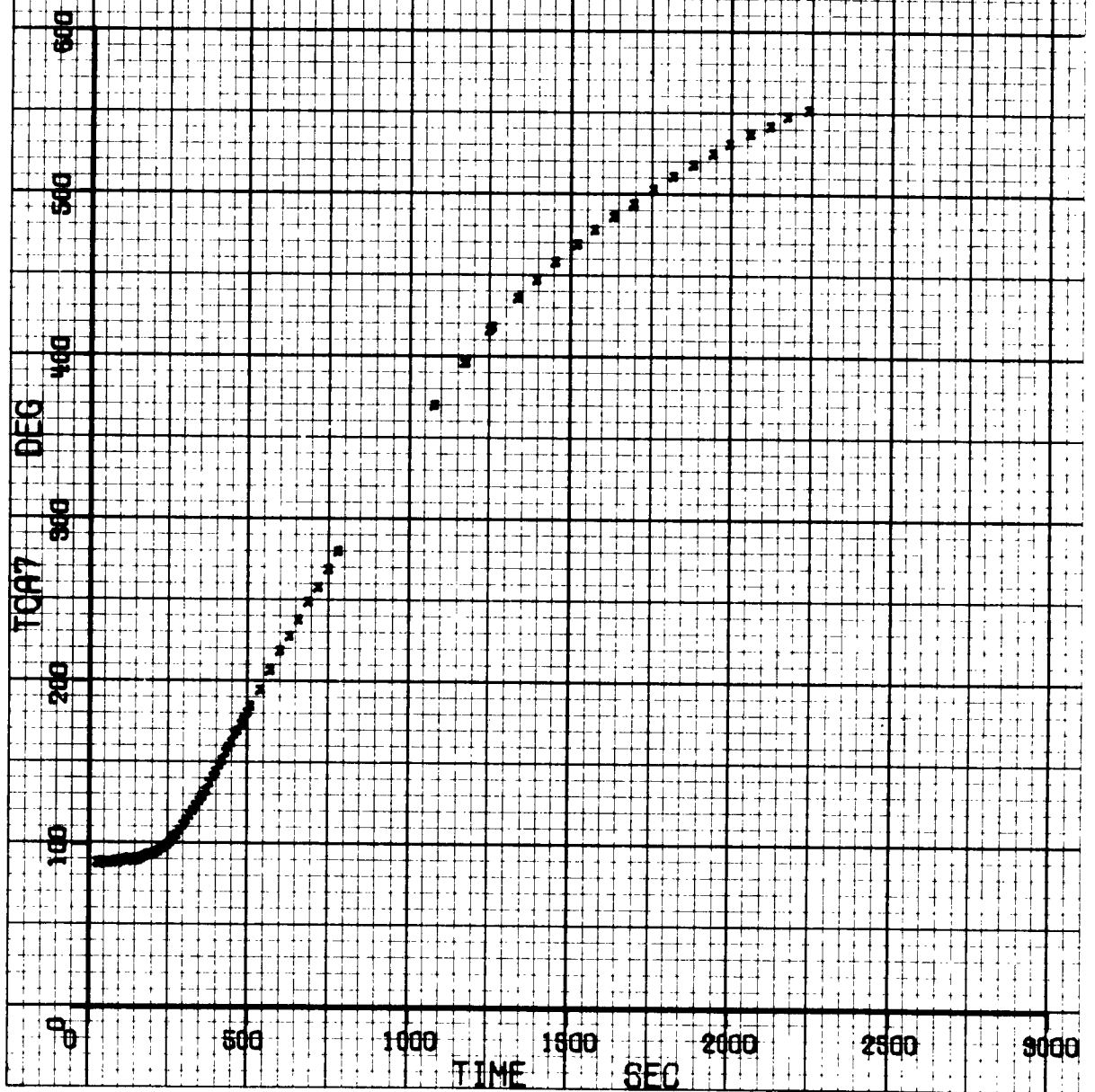
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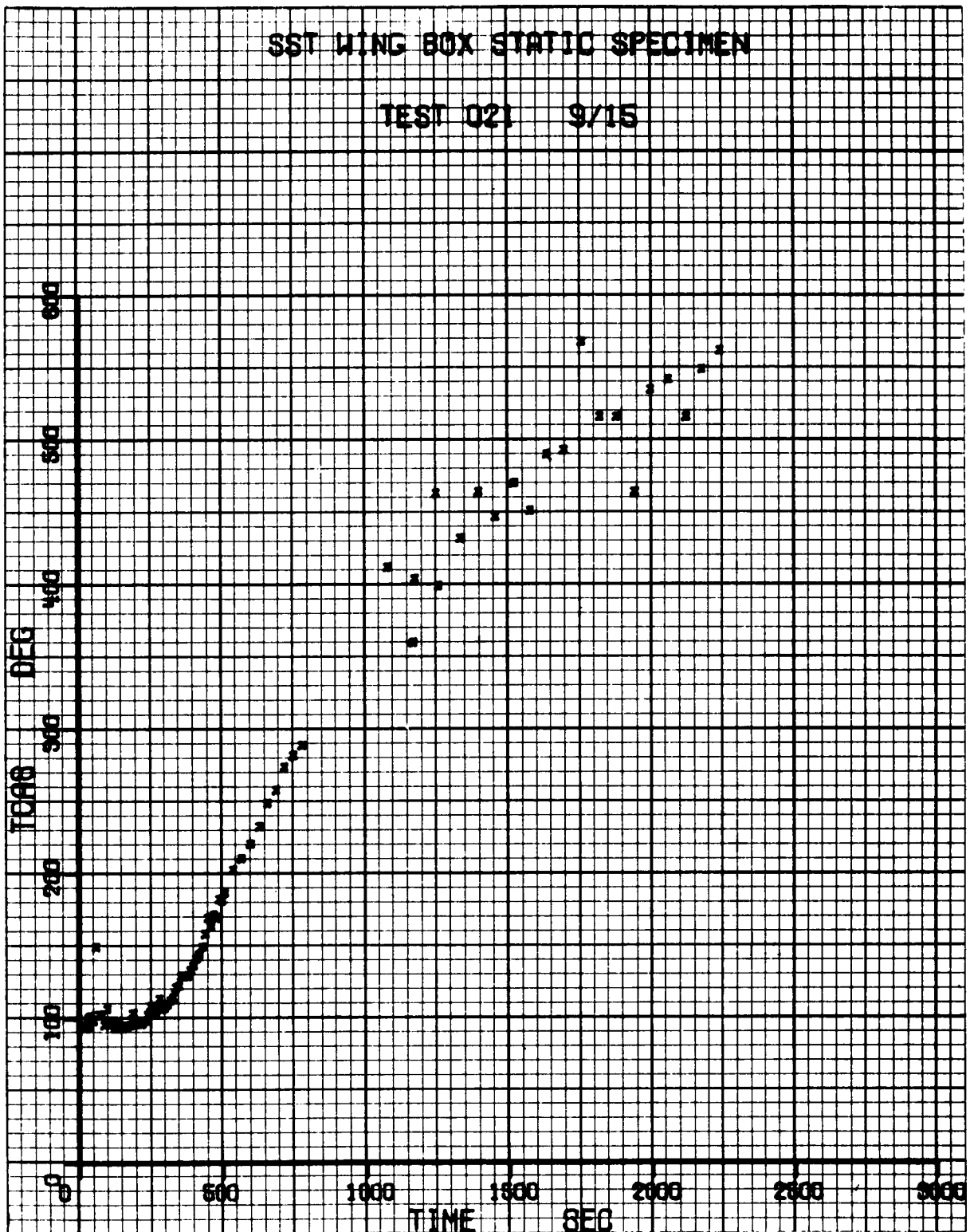
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

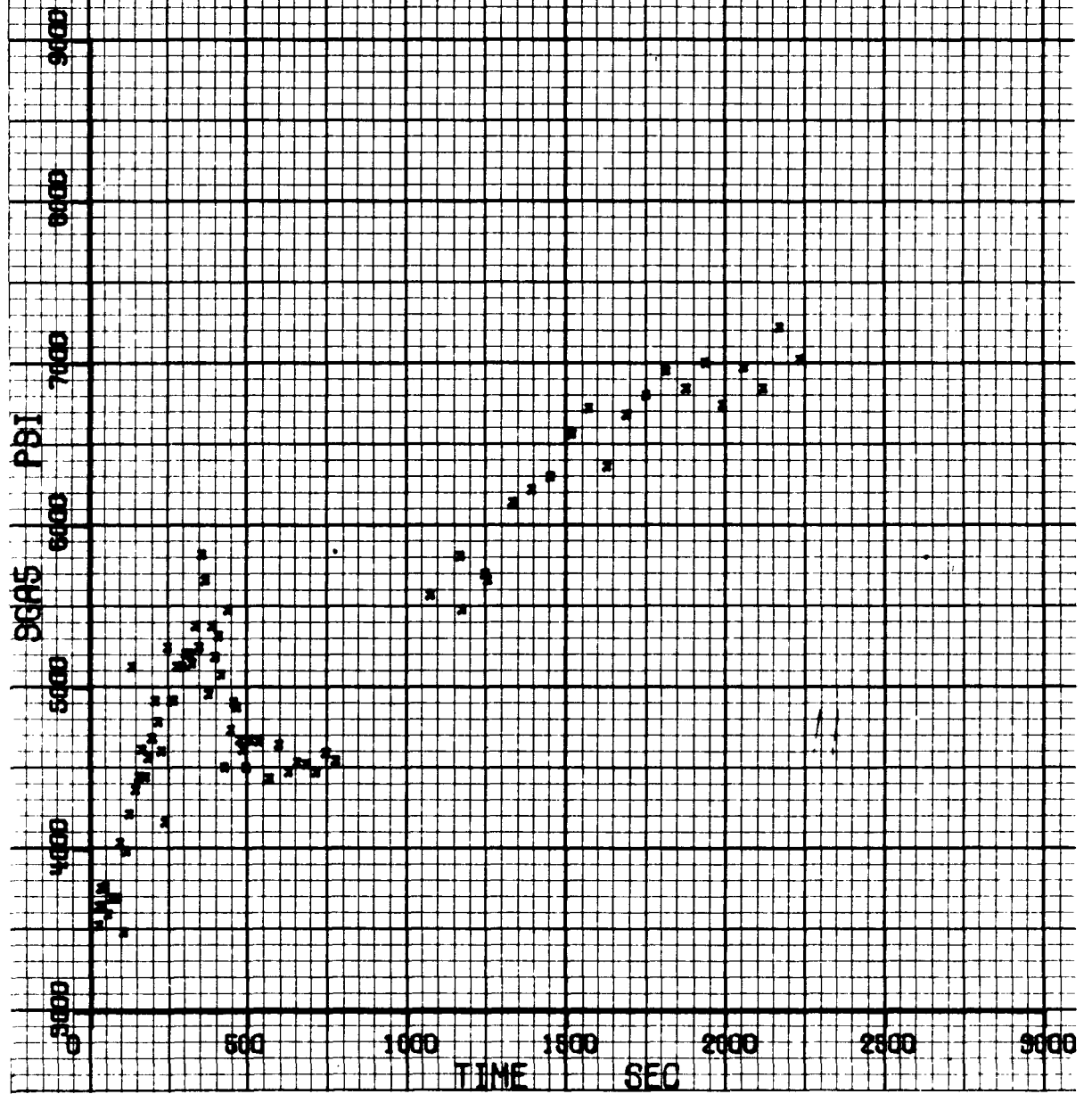
TEST 021 9/15





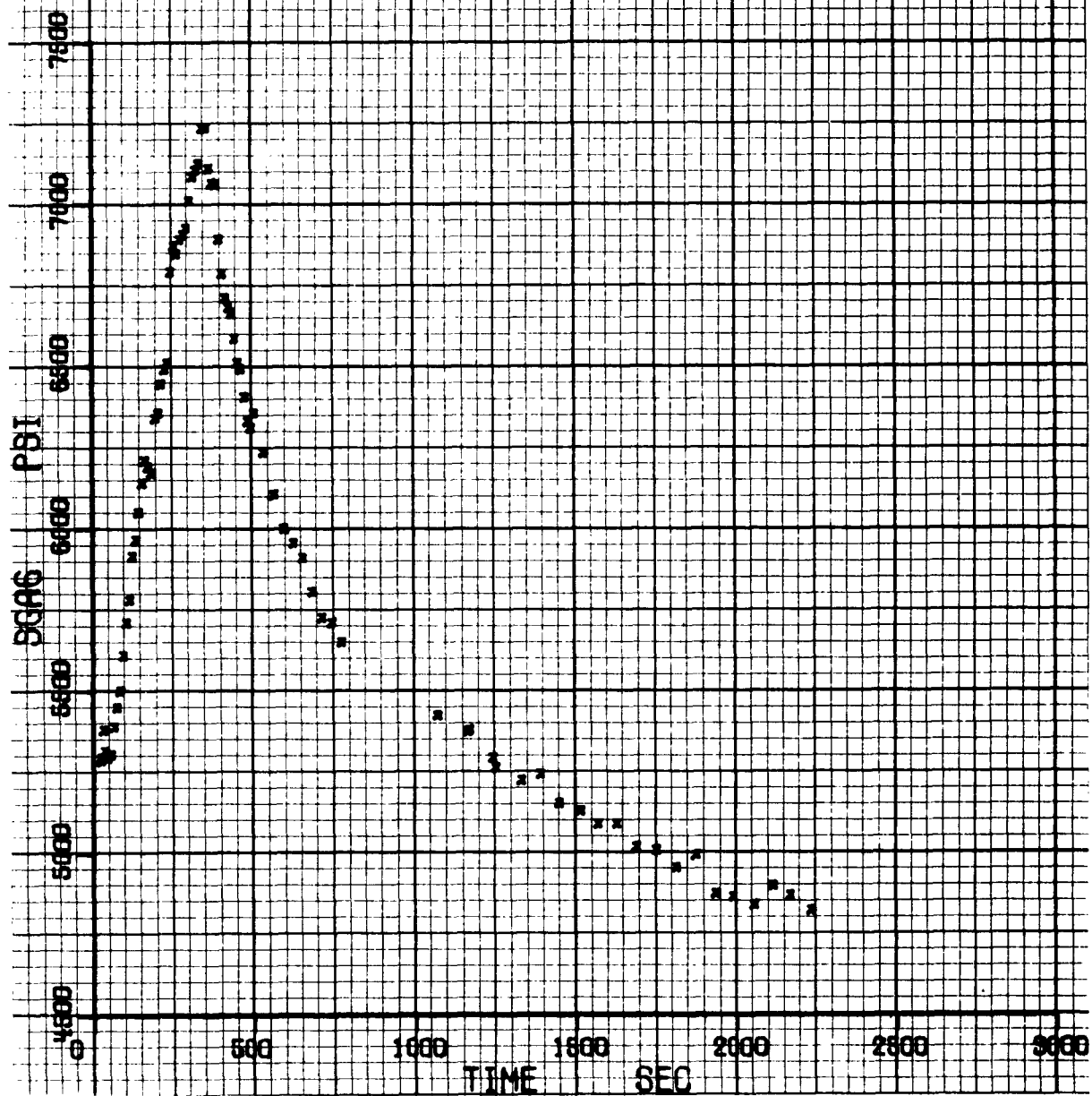
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

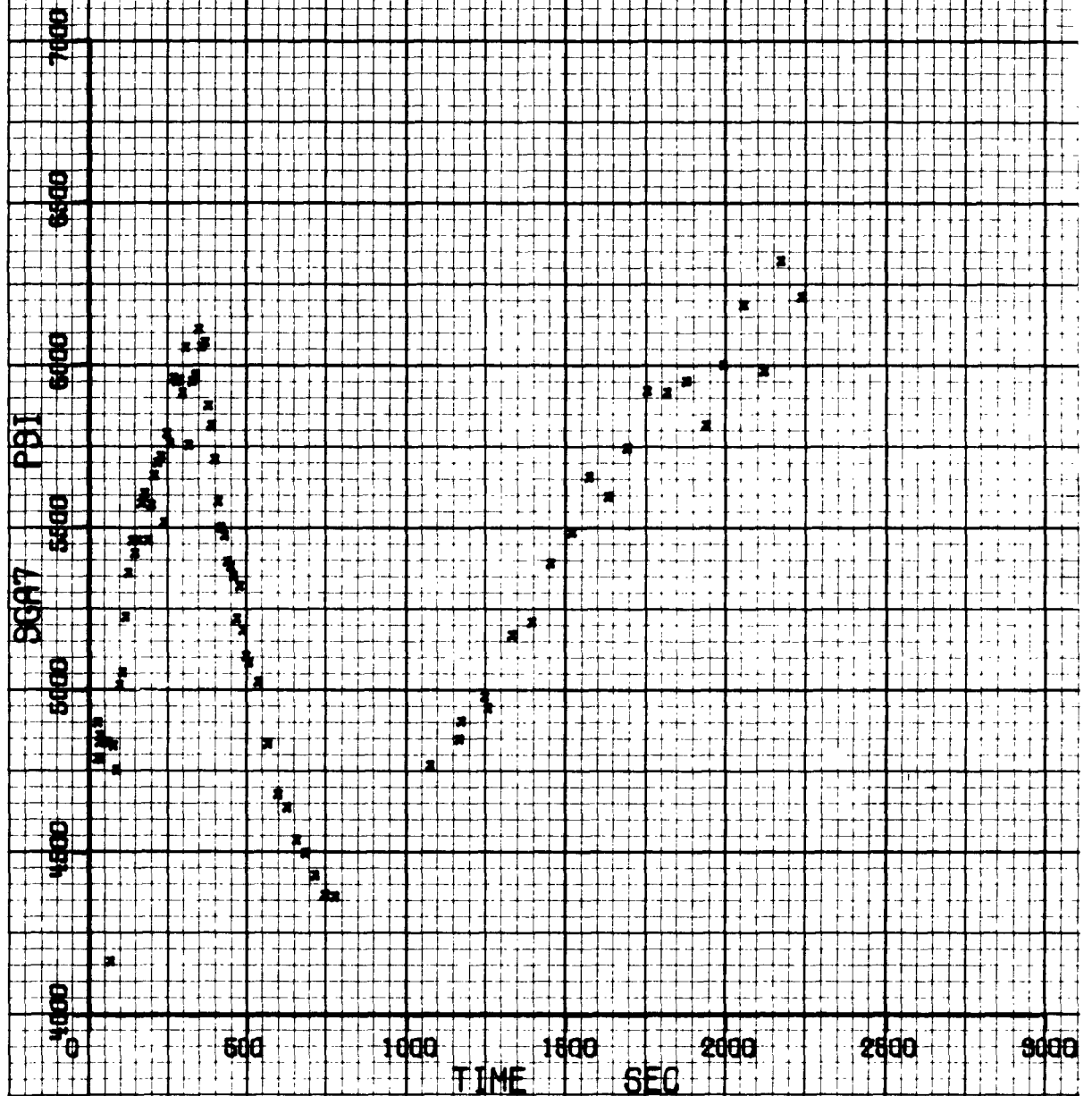
TEST Q21 9/15

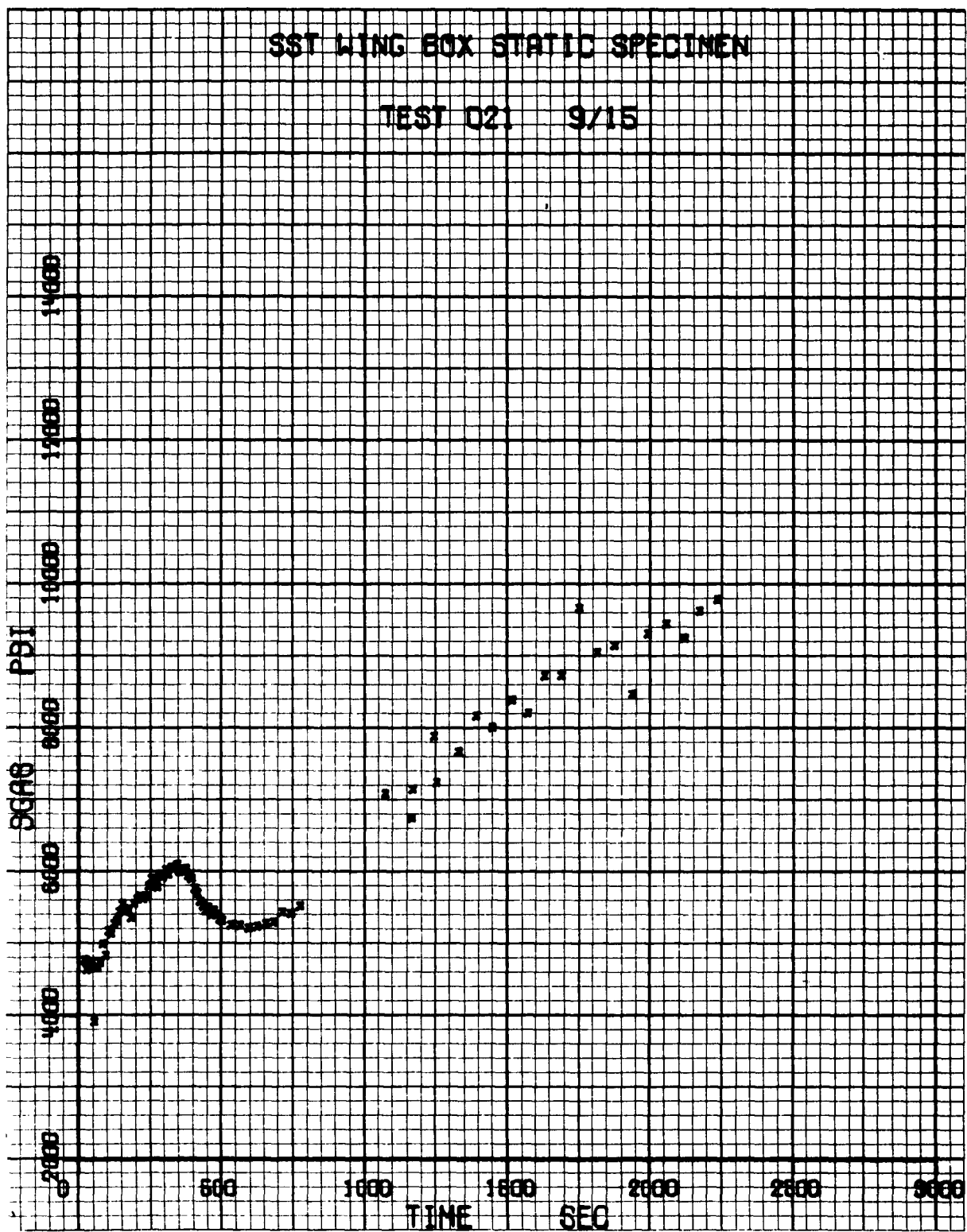




# SST WING BOX STATIC SPECIMEN

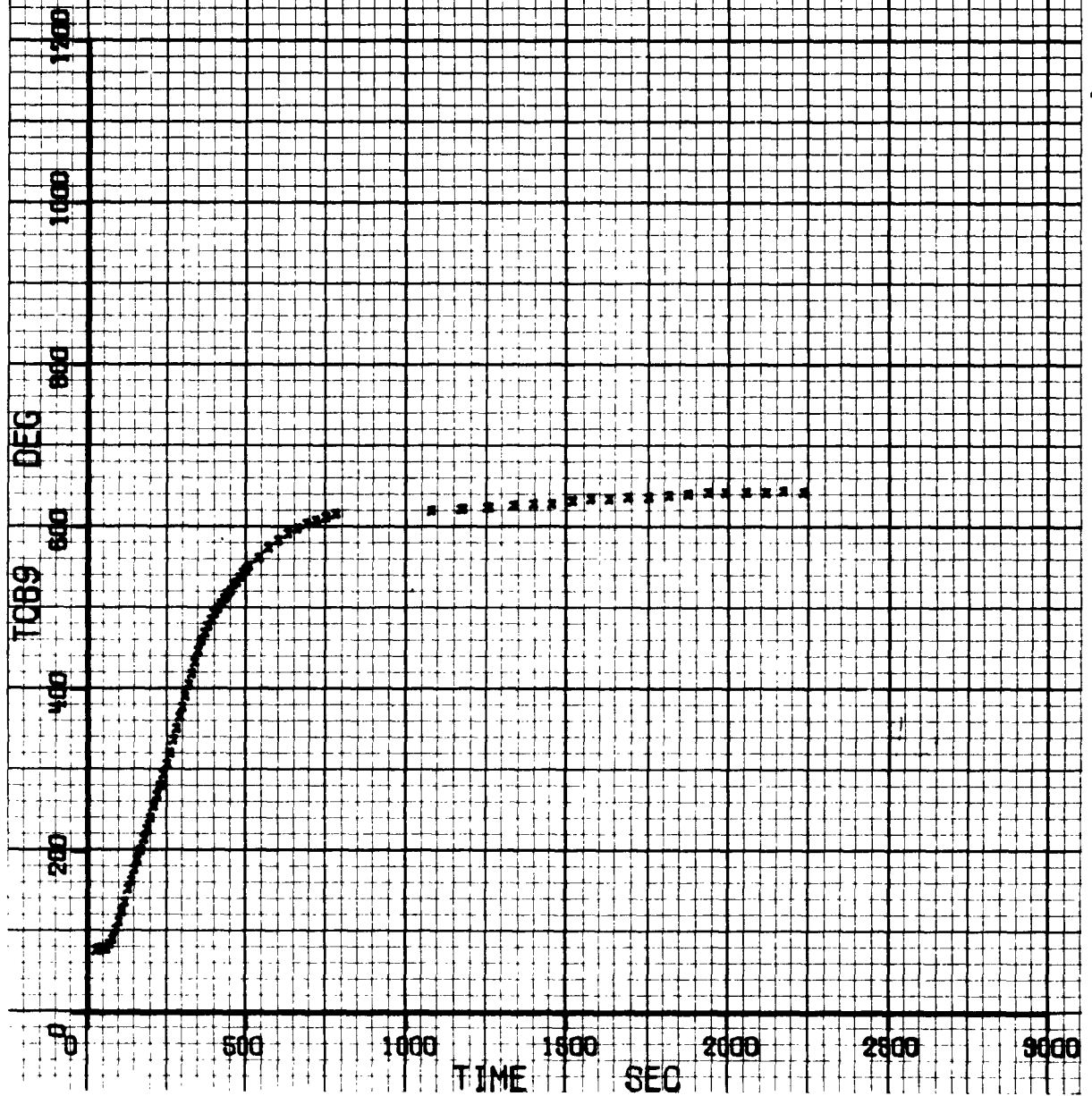
TEST 021 9/15





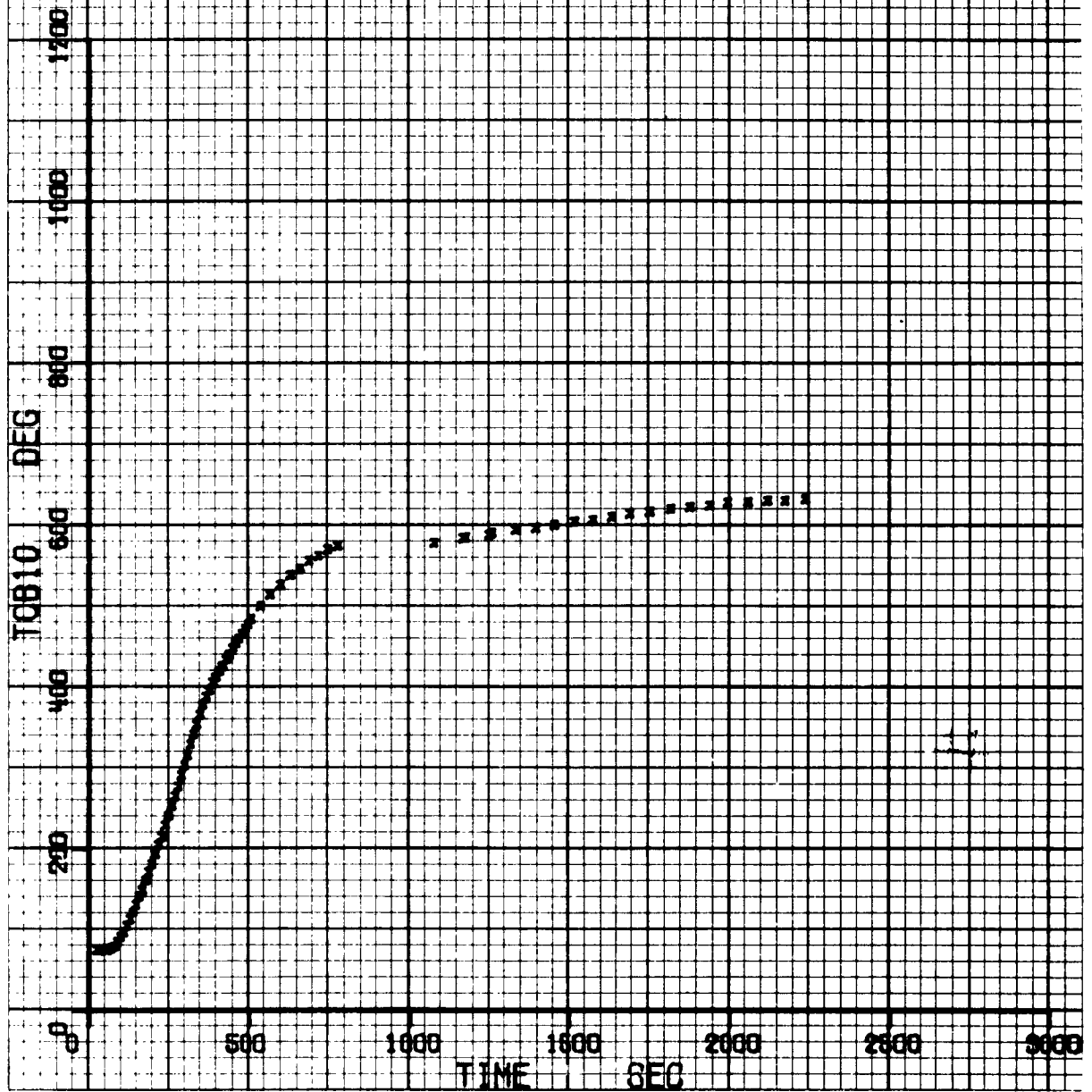
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



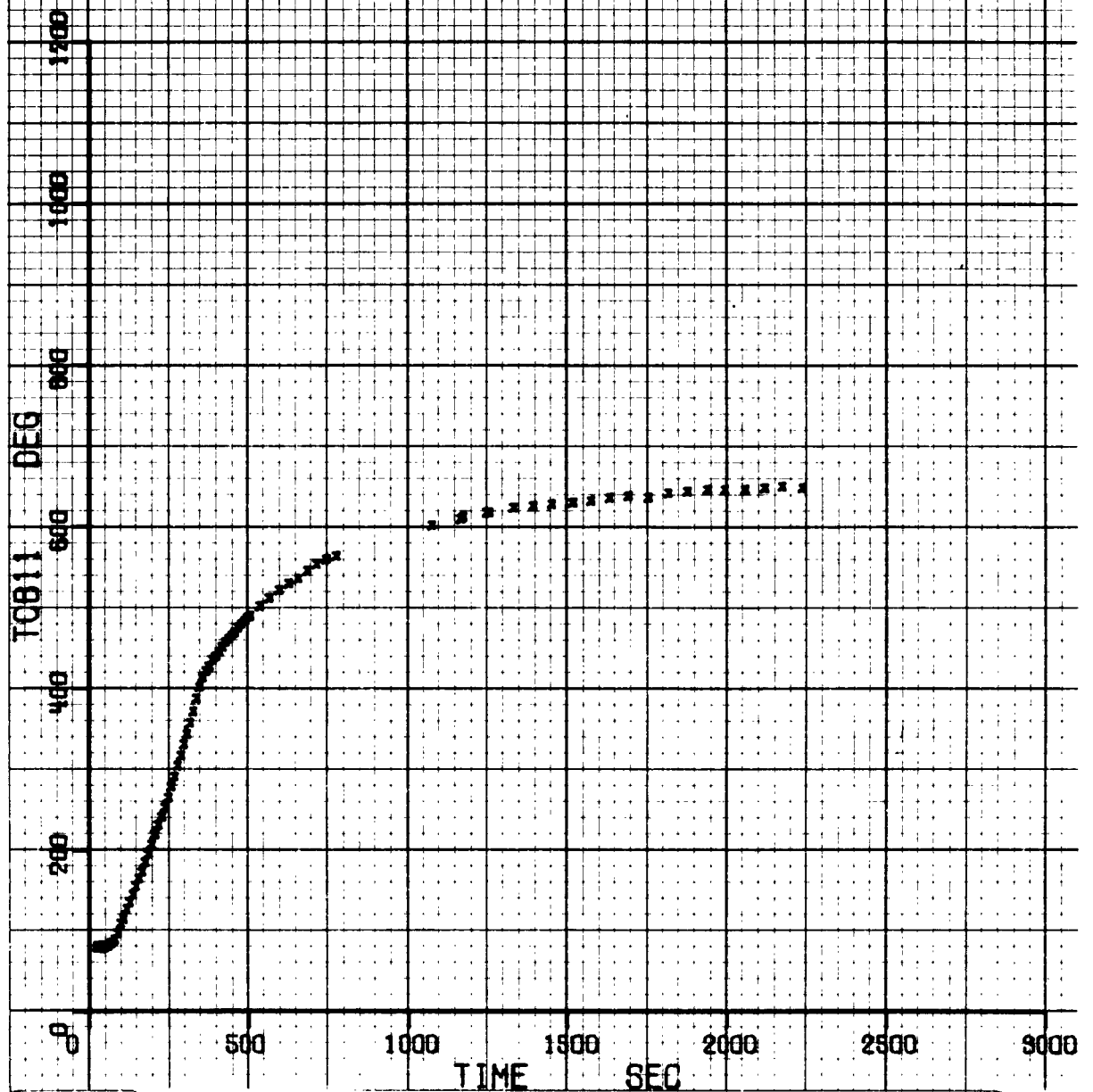
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



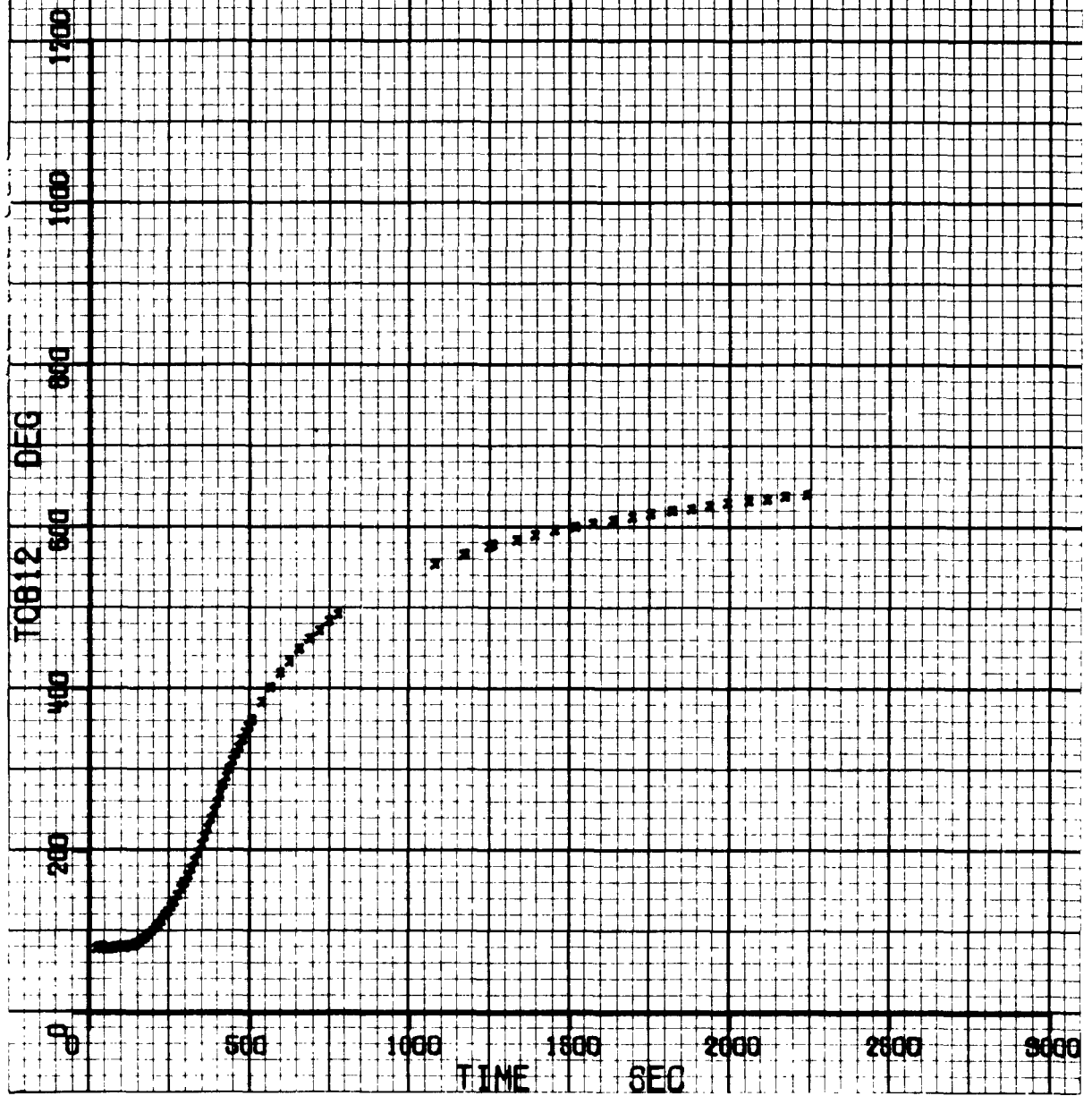
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



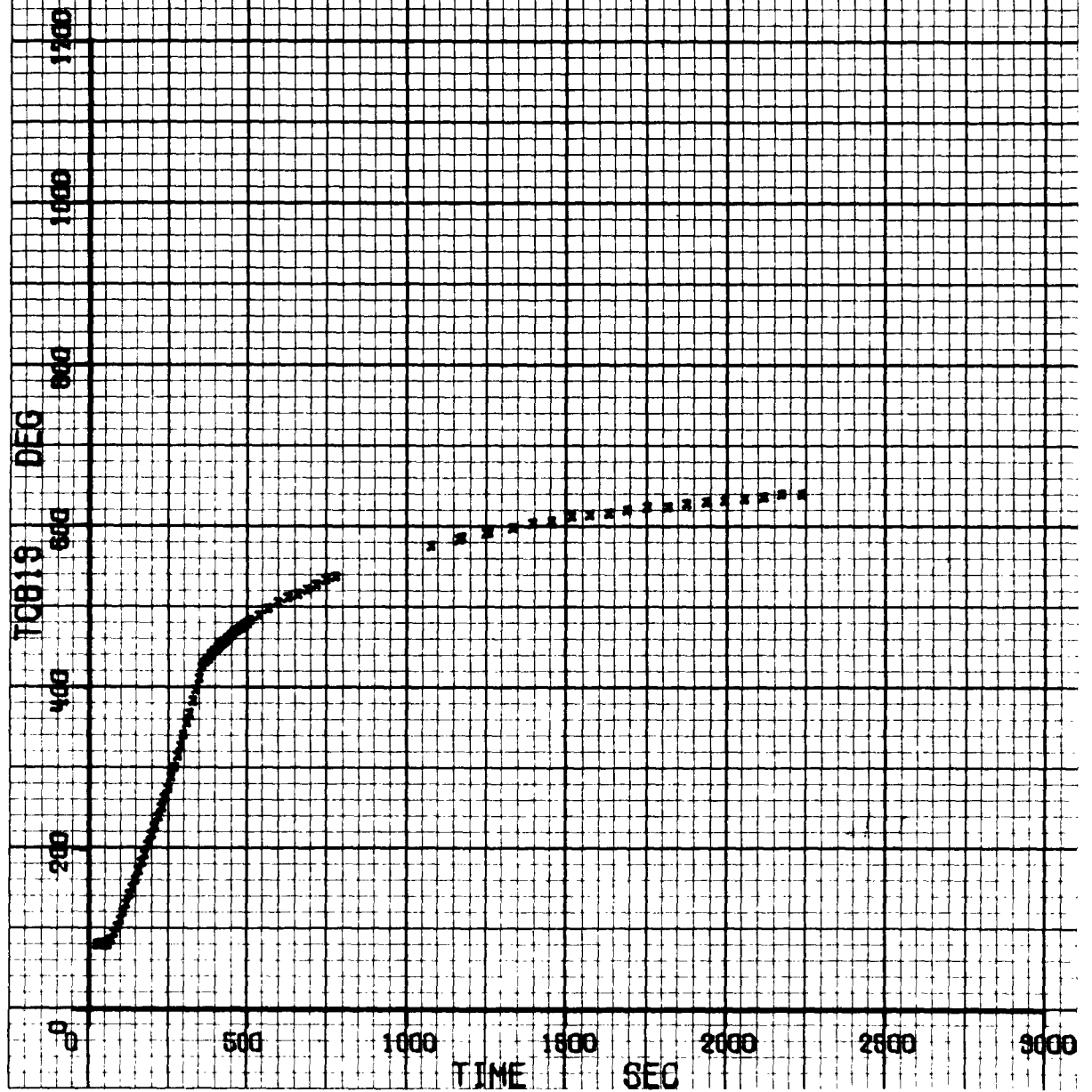
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



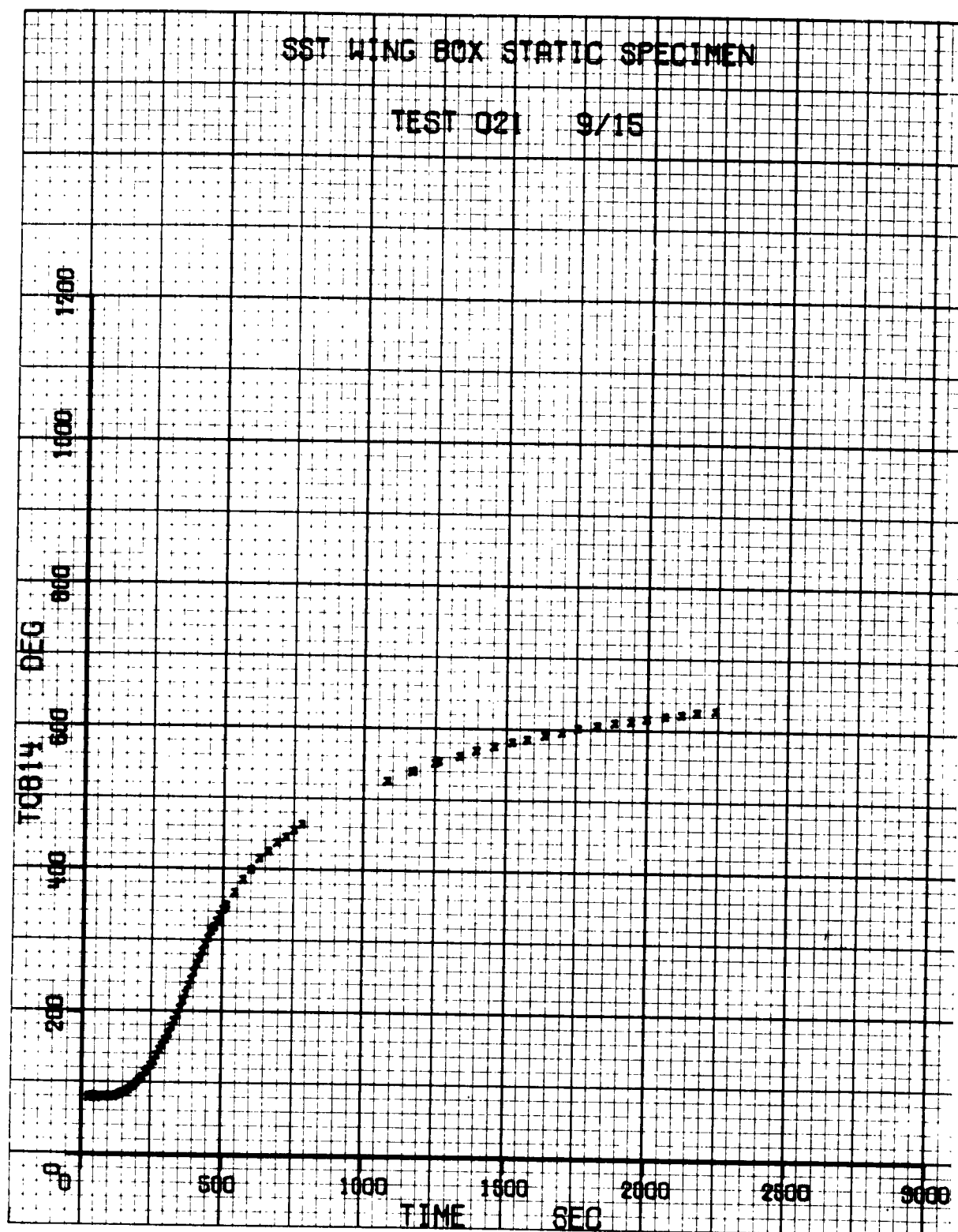
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

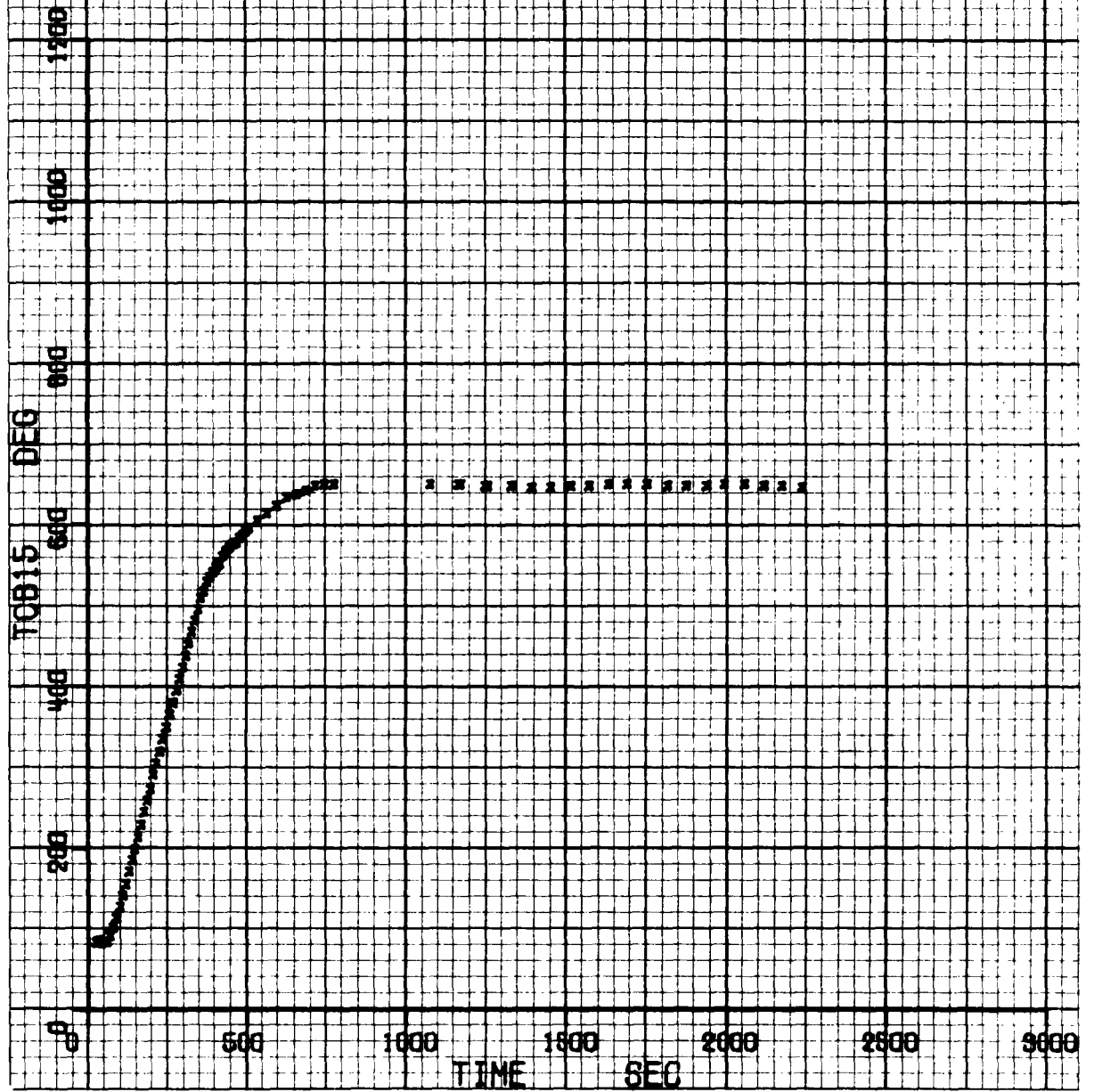
TEST 021 9/15





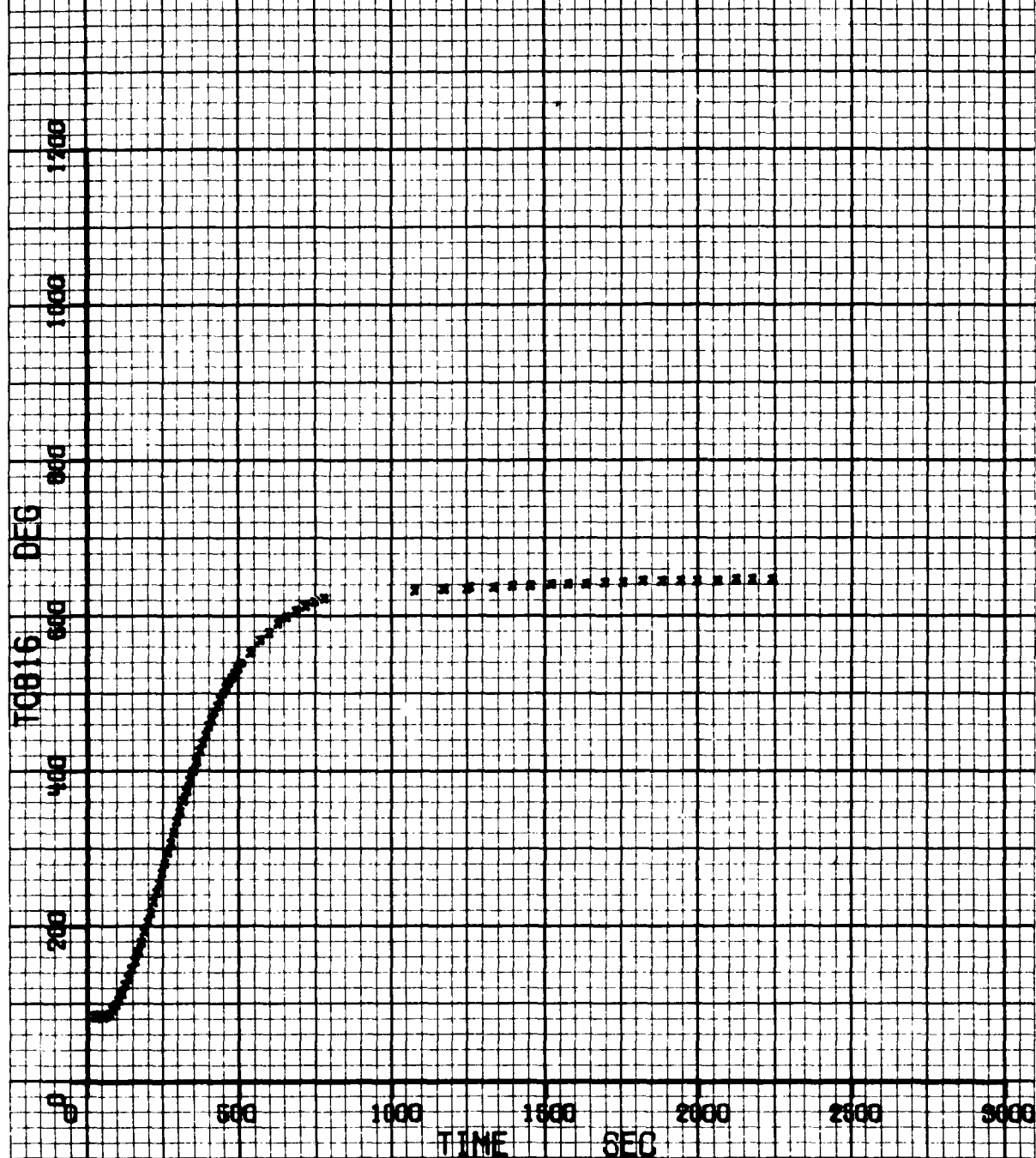
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



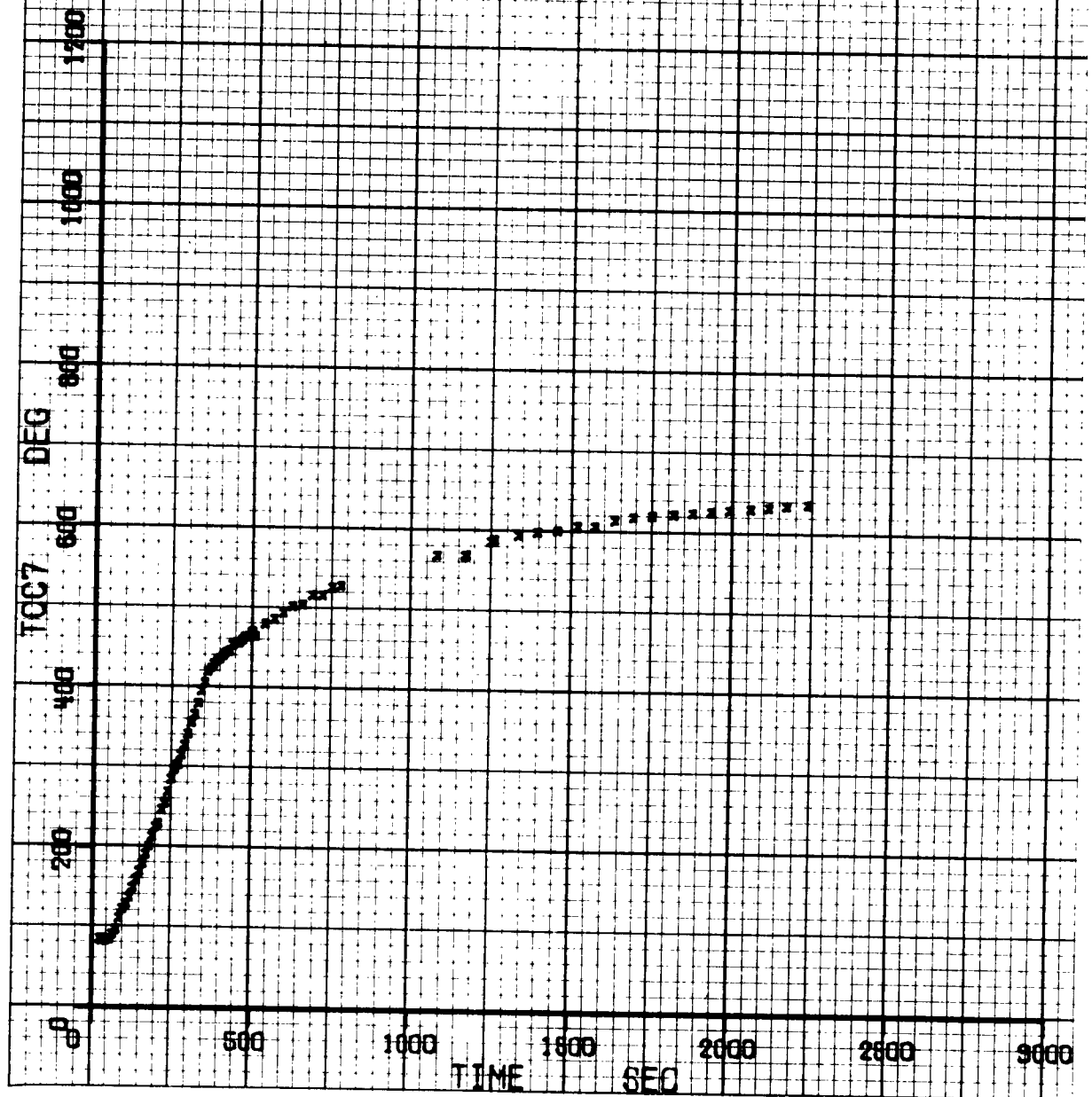
# SST WING BOX STATIC SPECIMEN

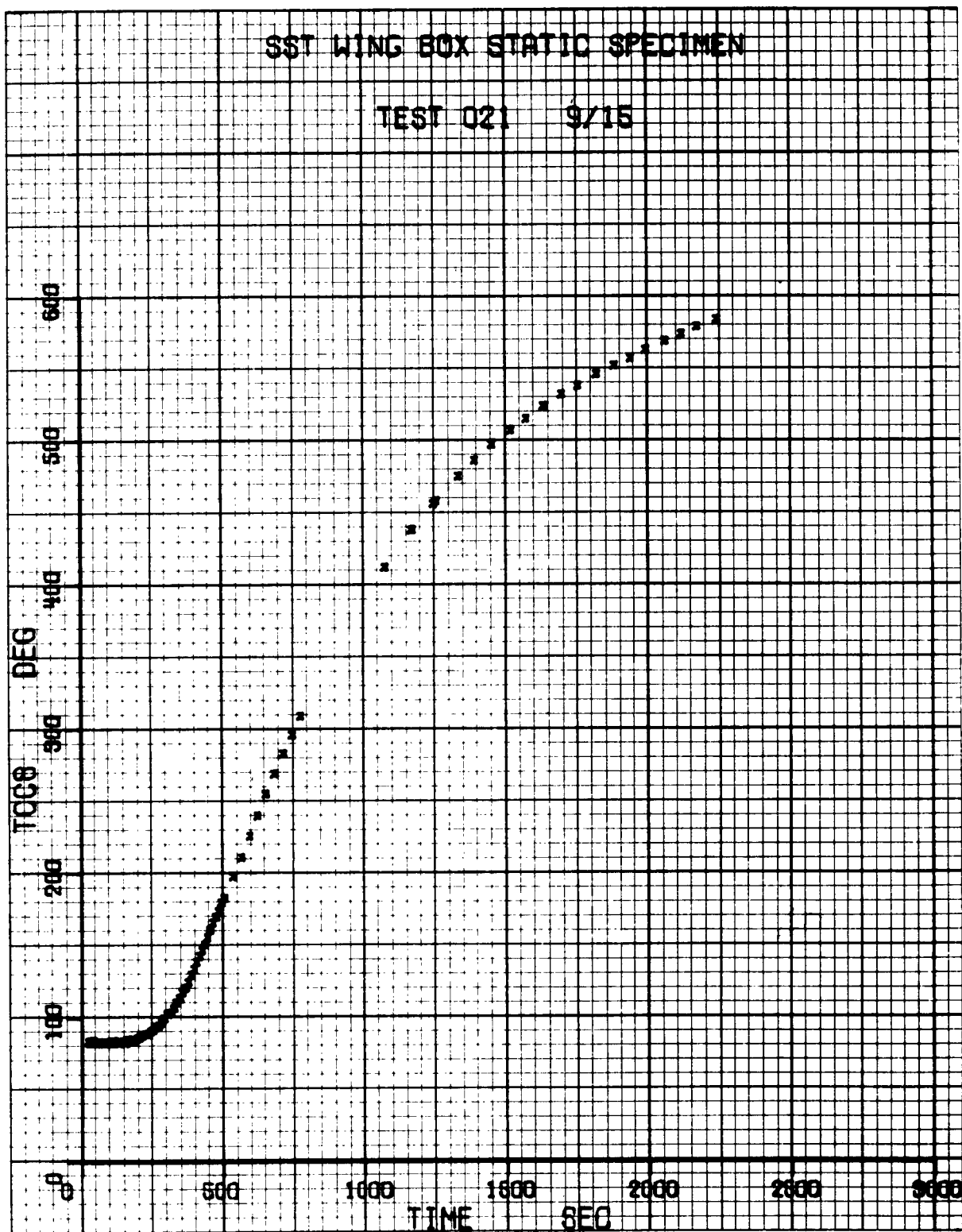
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

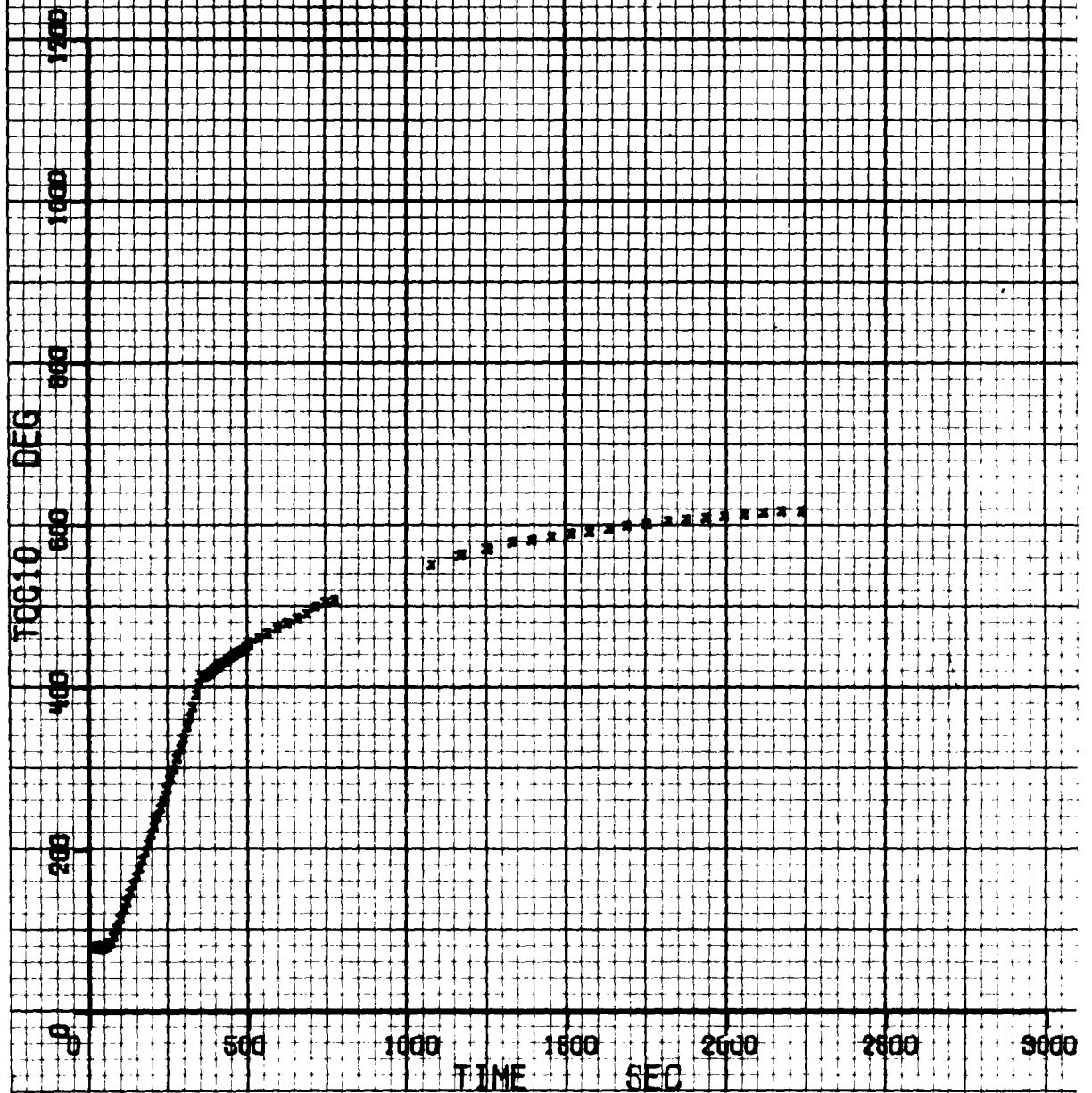
TEST 021 9/15

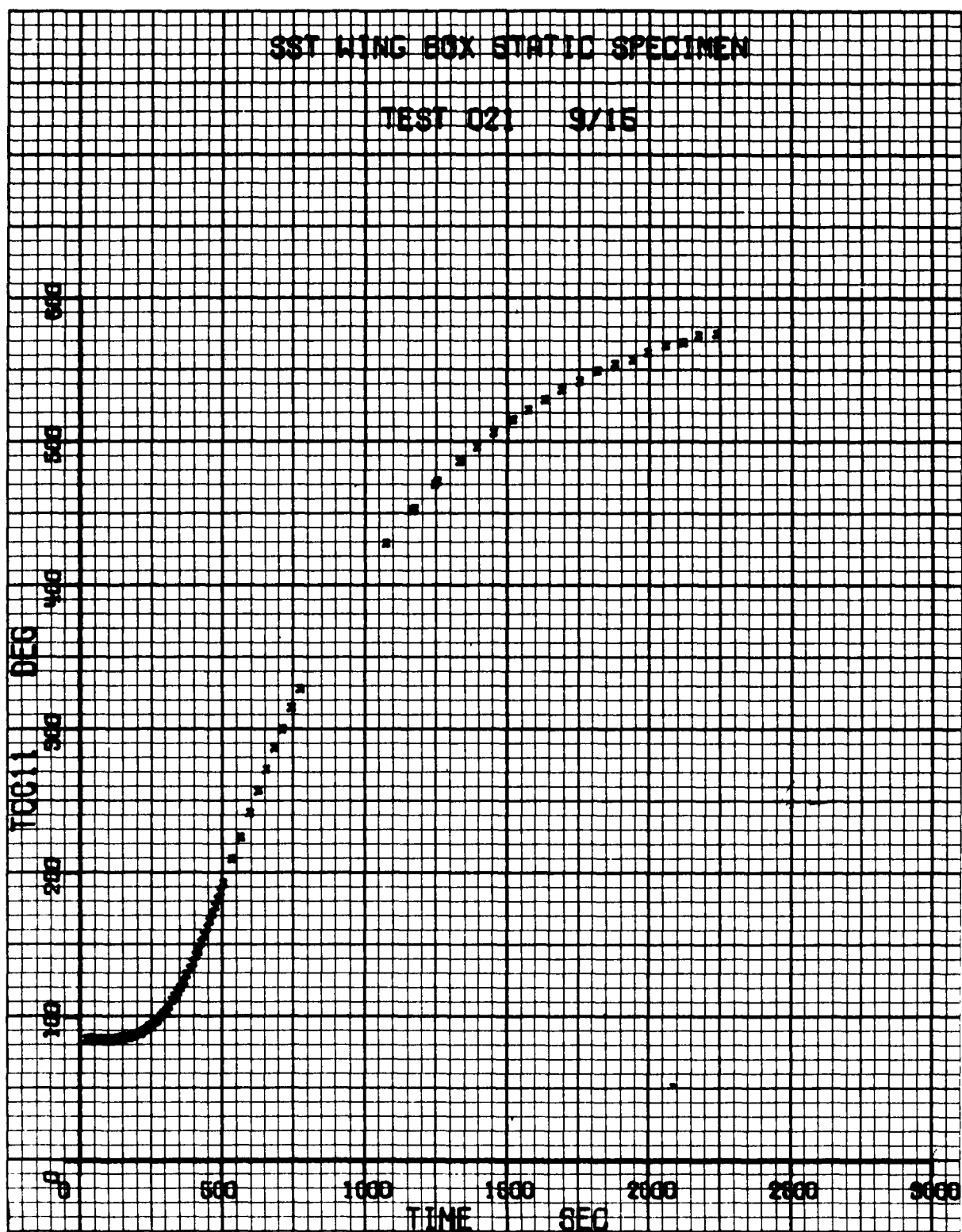




# SST WING BOX STATIC SPECIMEN

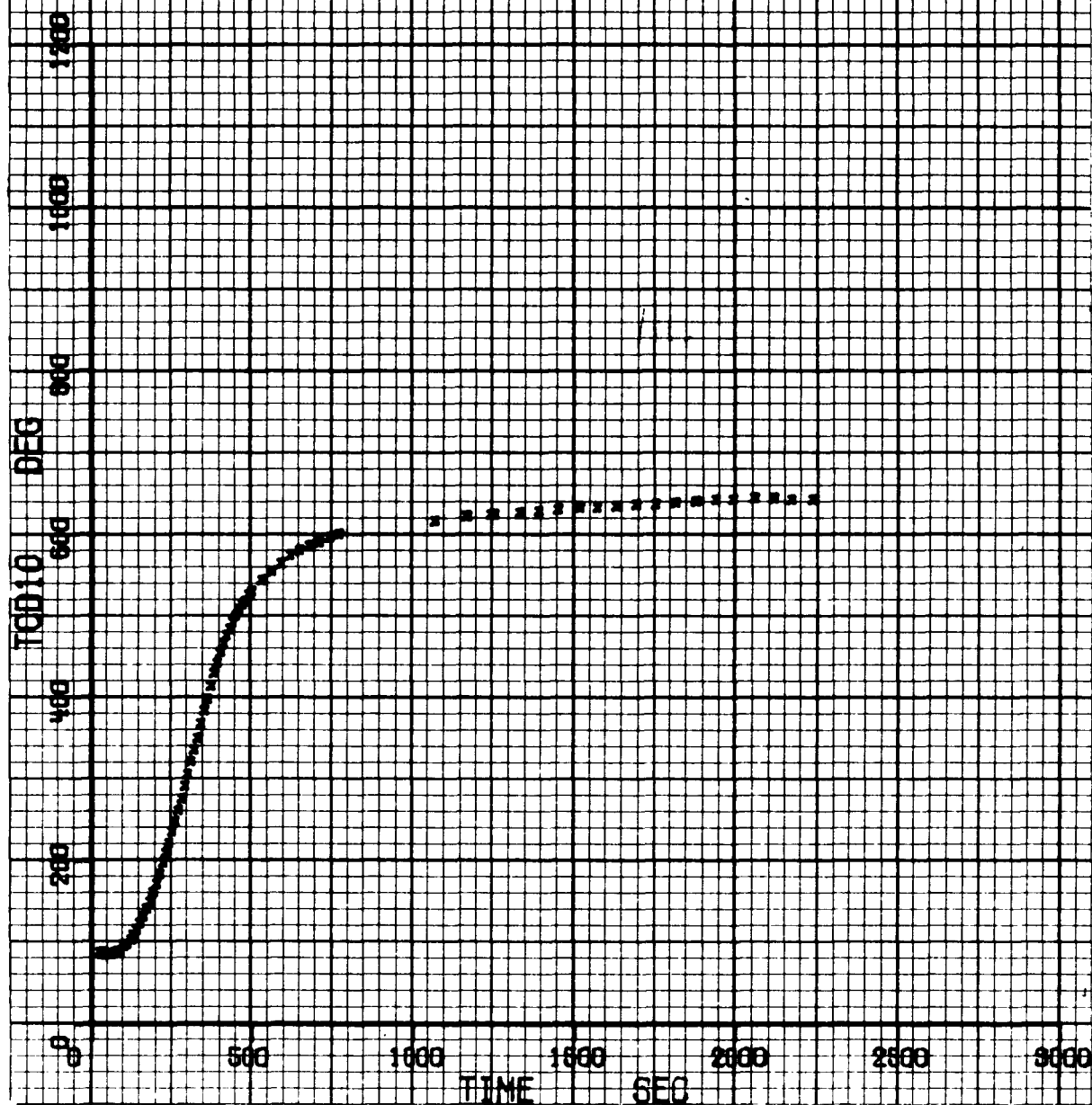
TEST 021 9/15





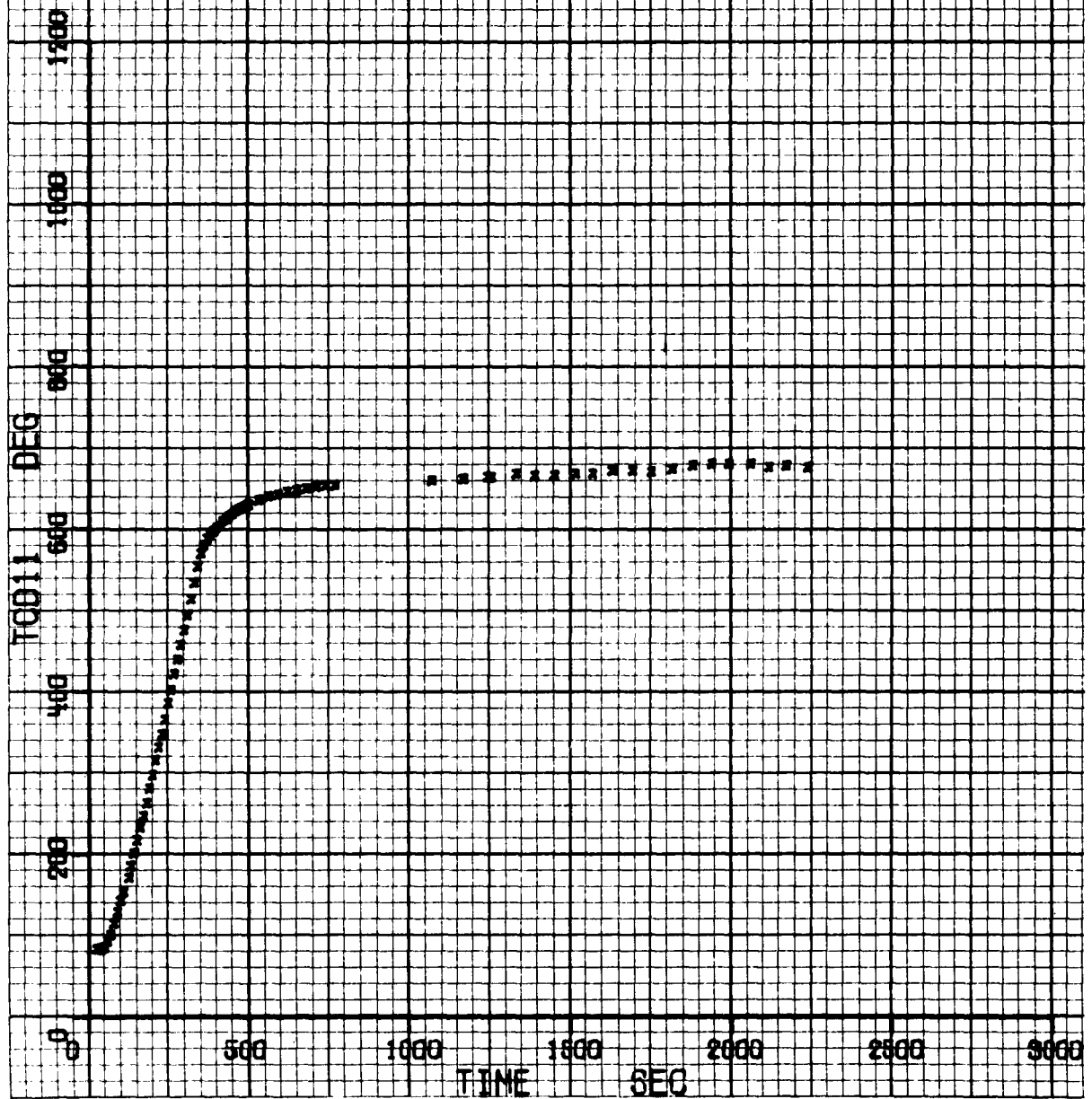
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

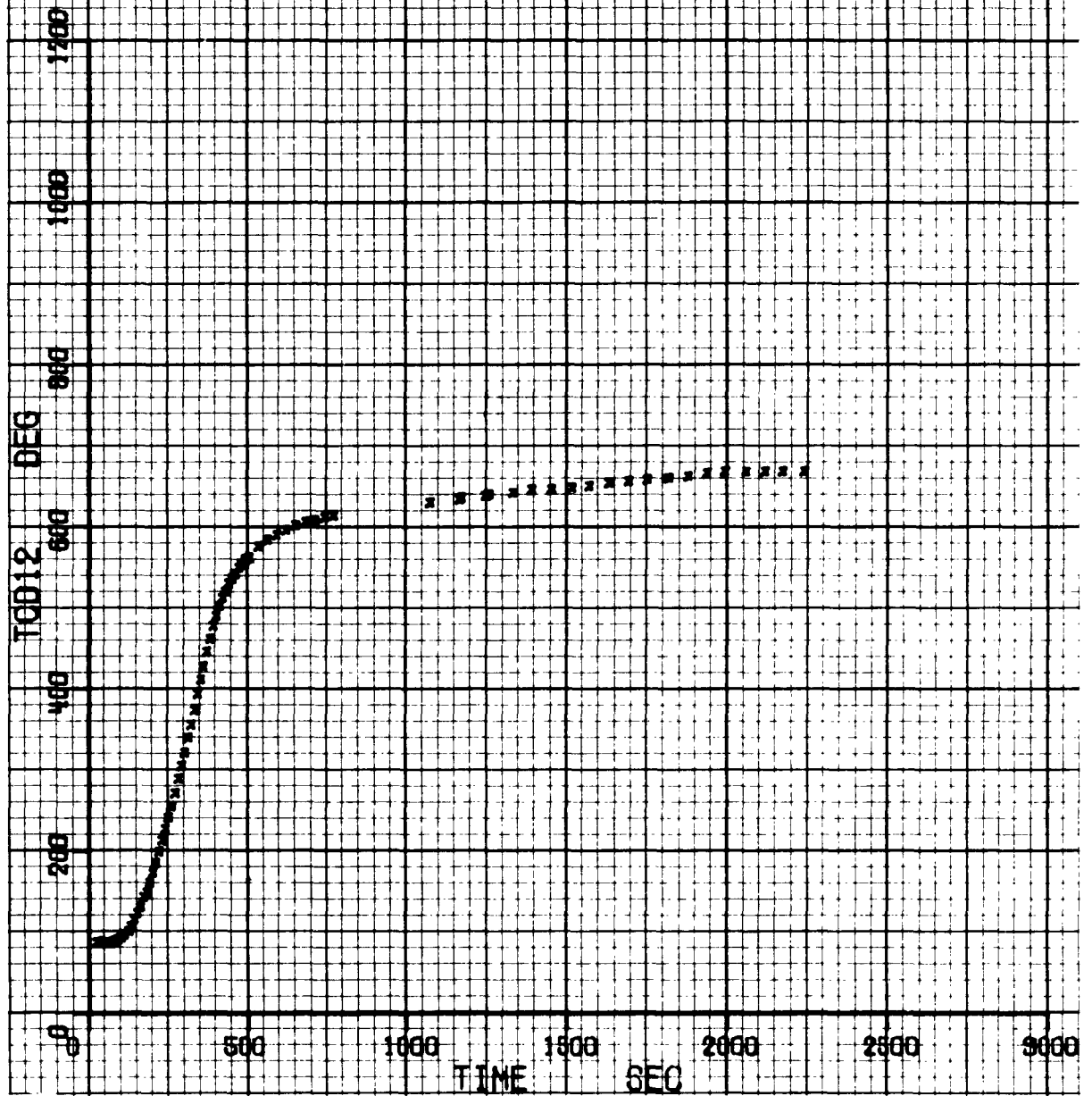
TEST 021 9/15





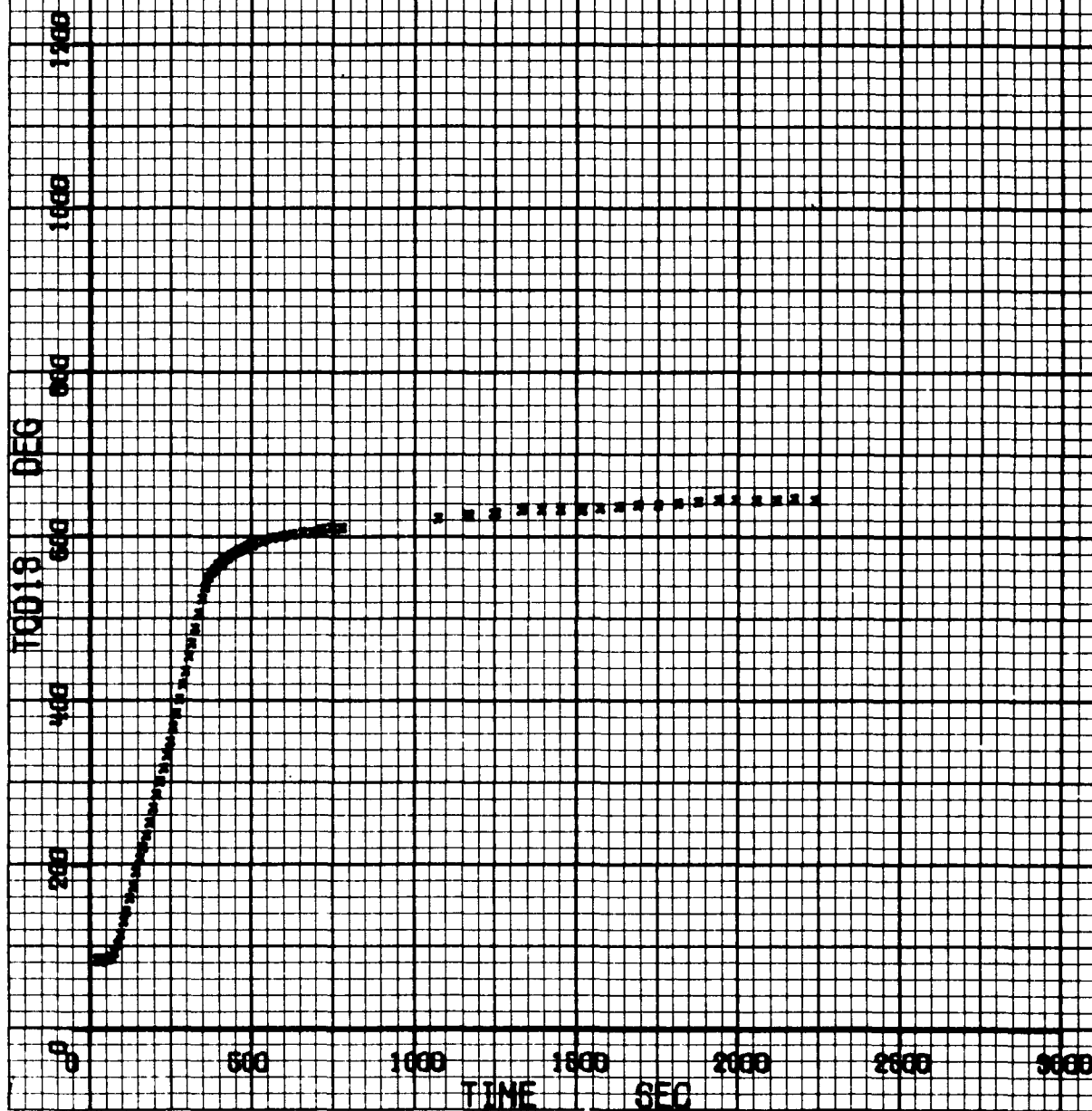
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



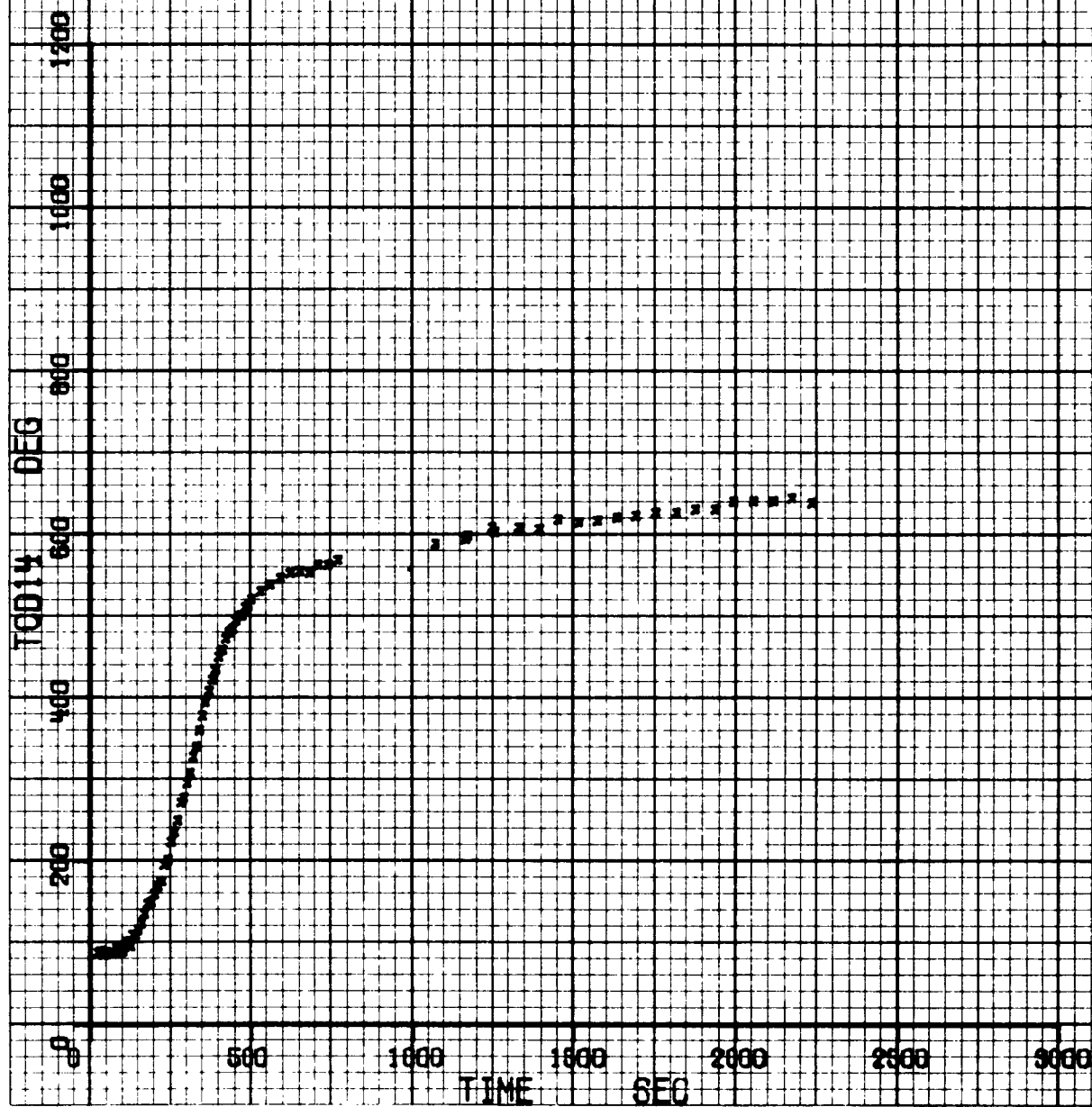
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



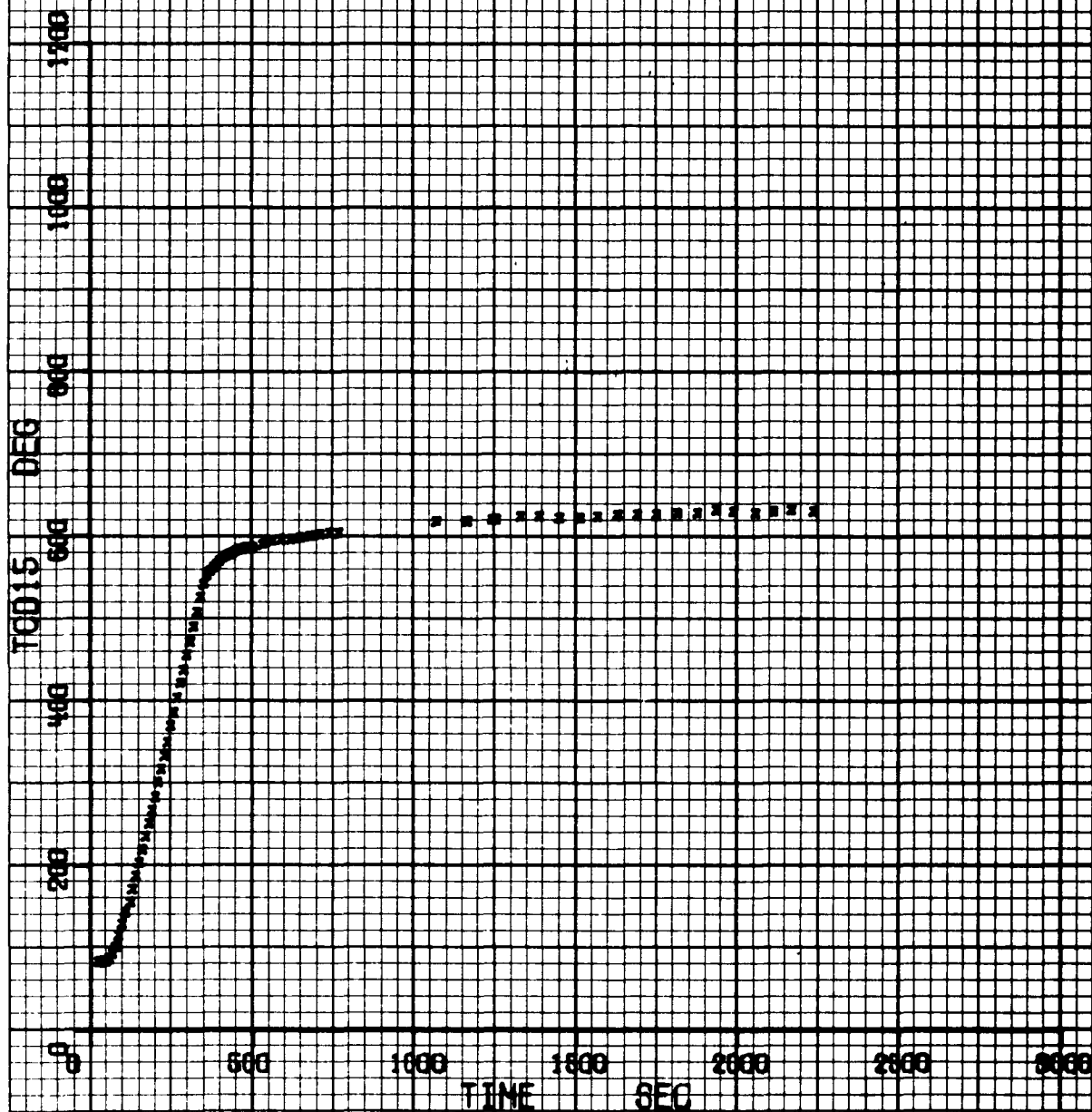
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



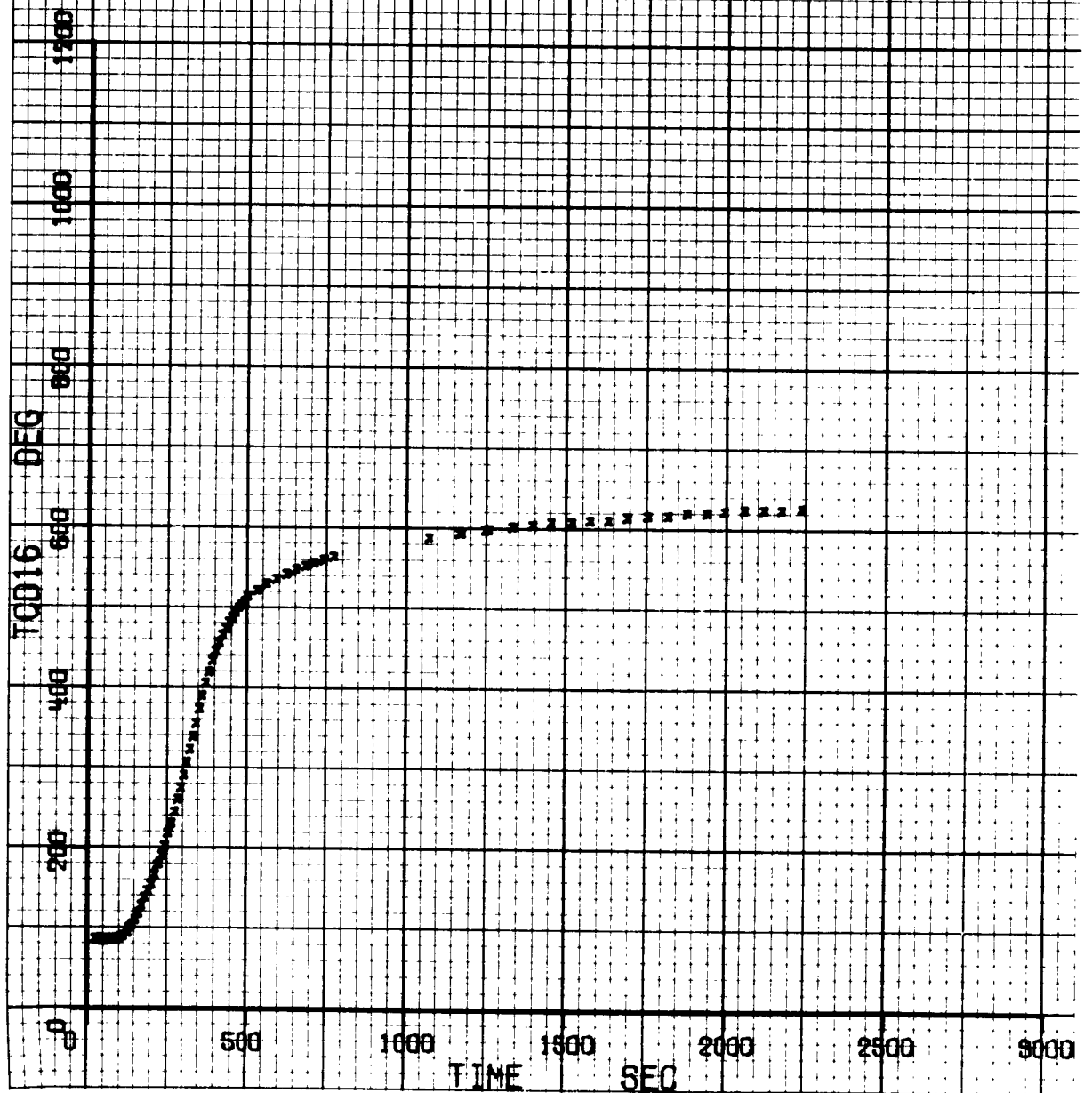
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



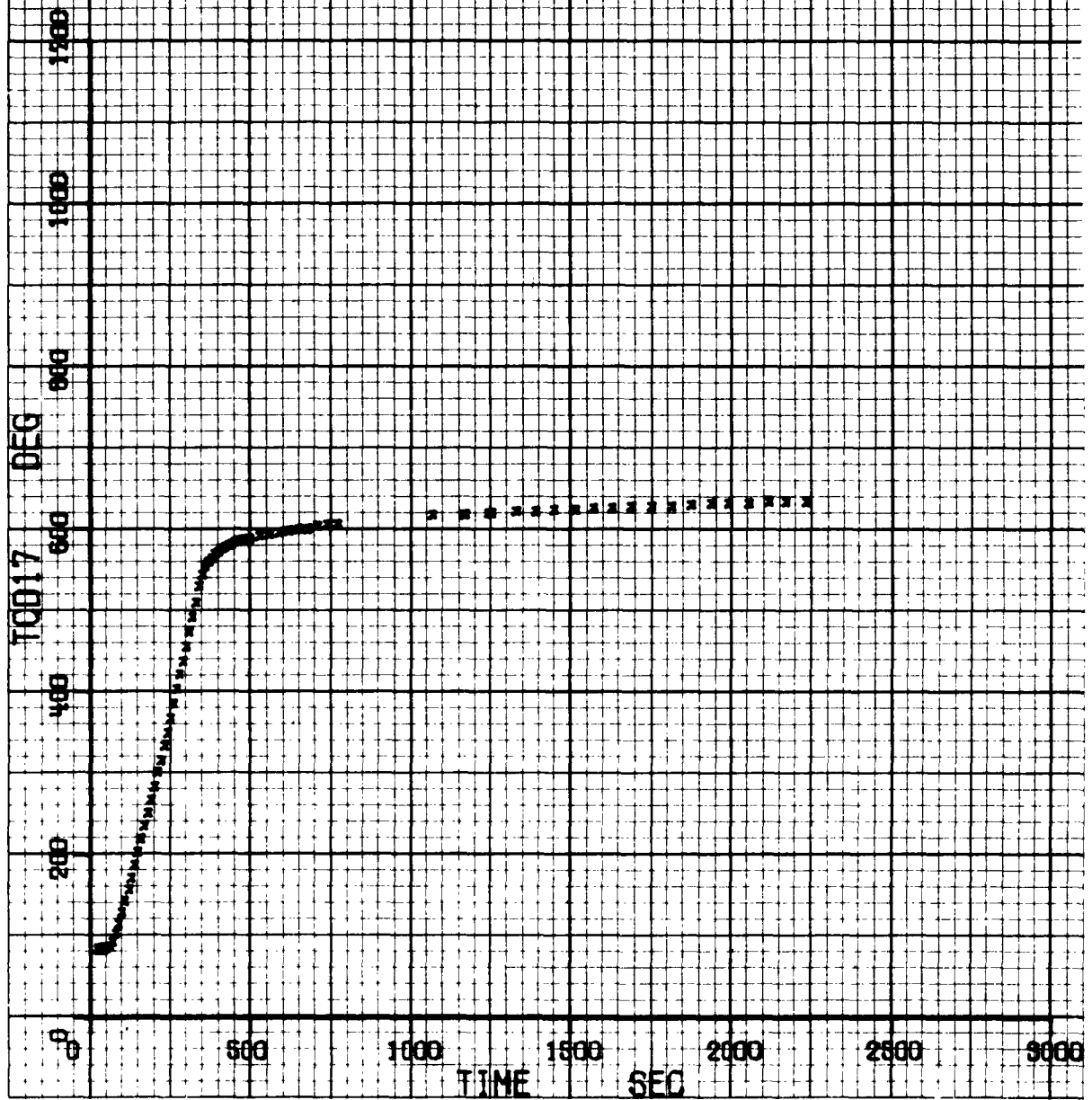
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



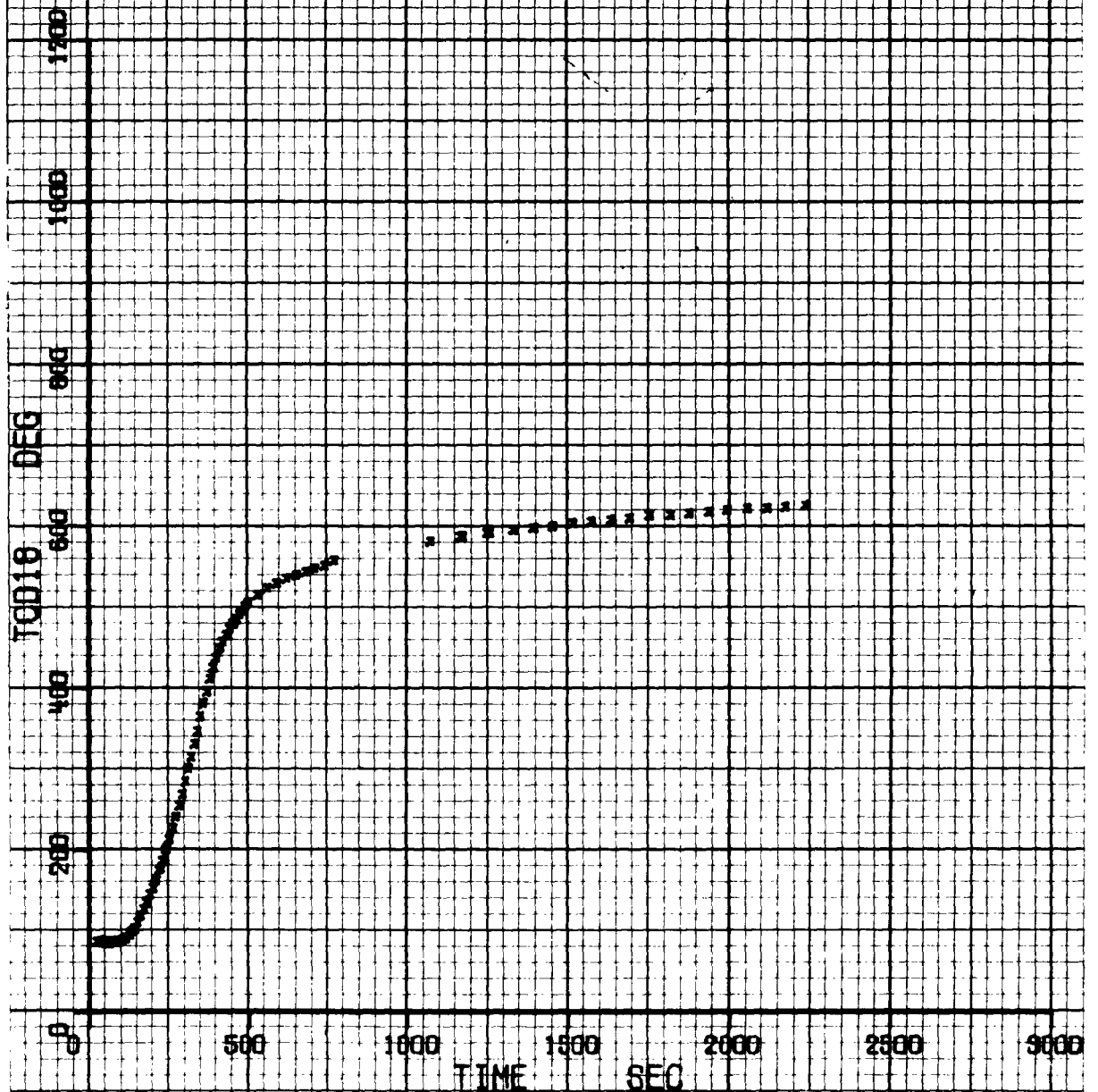
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



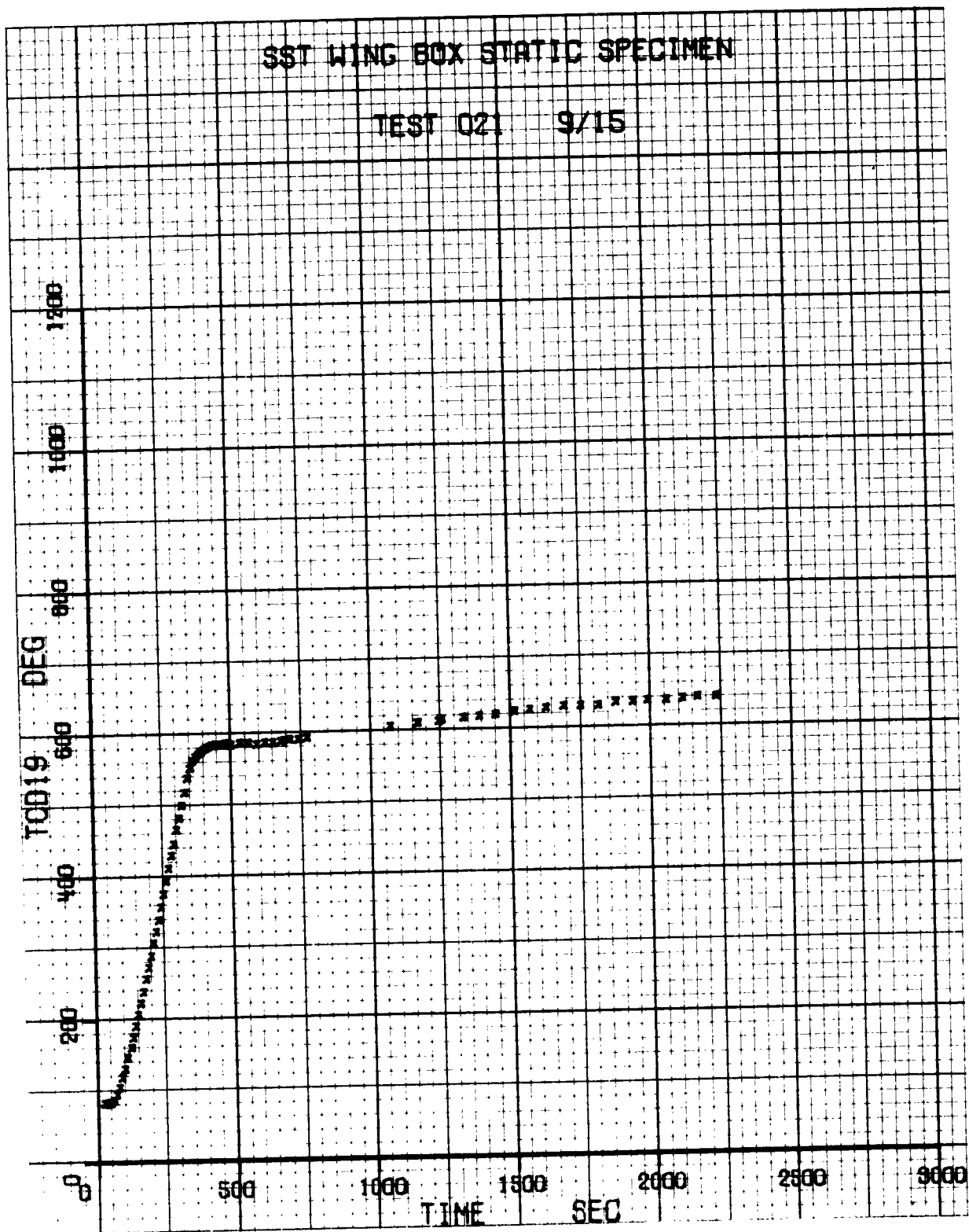
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

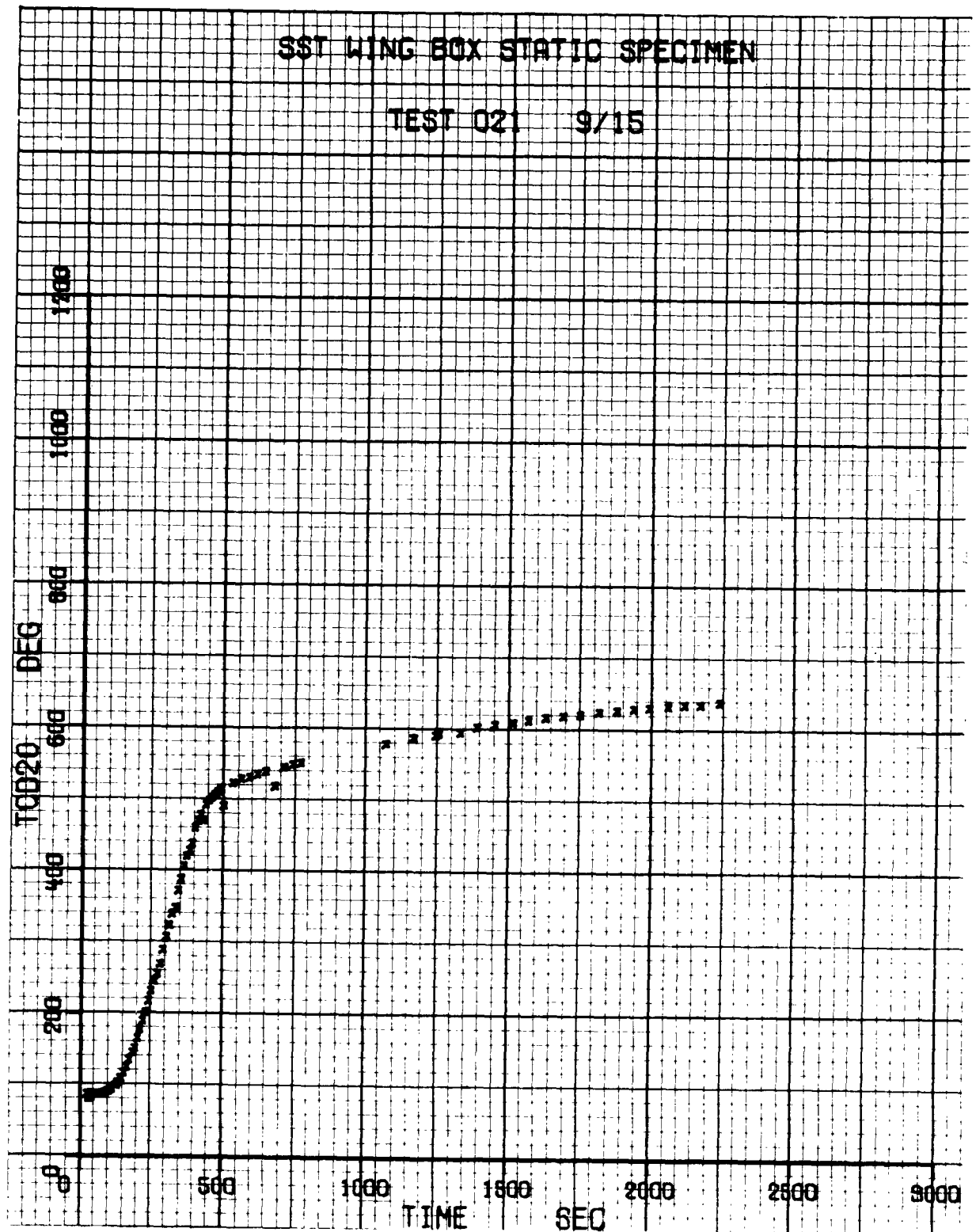


# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

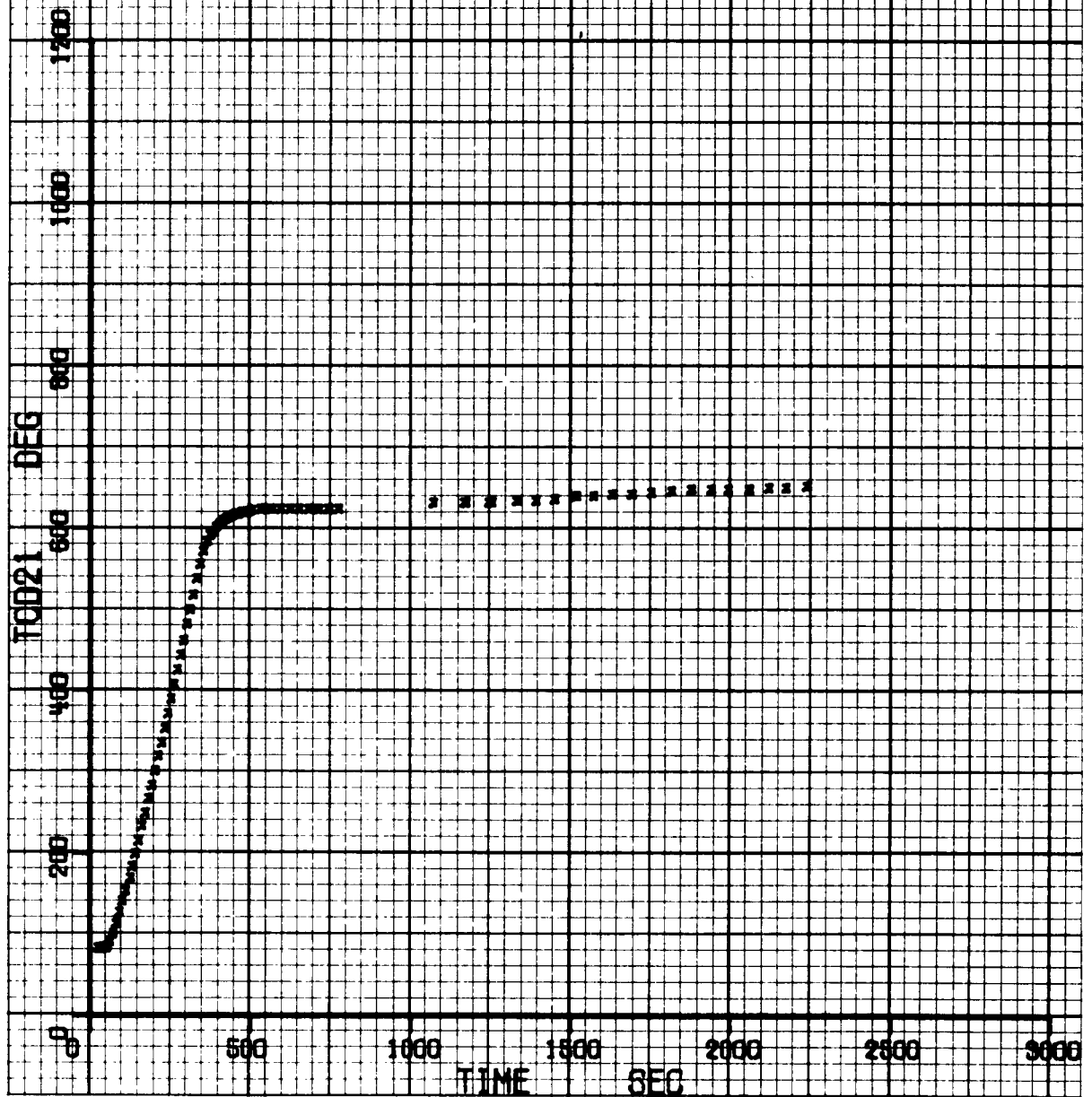






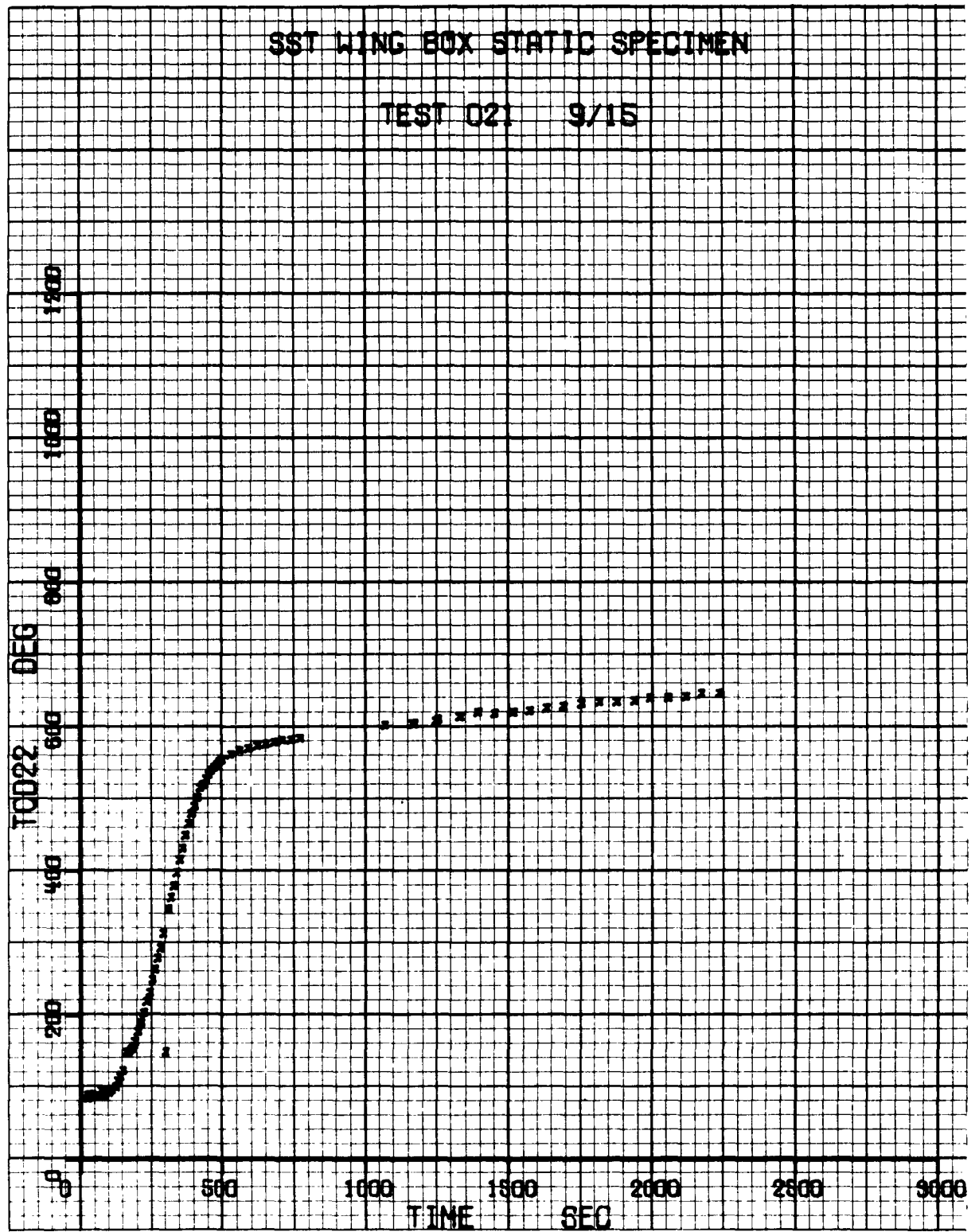
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



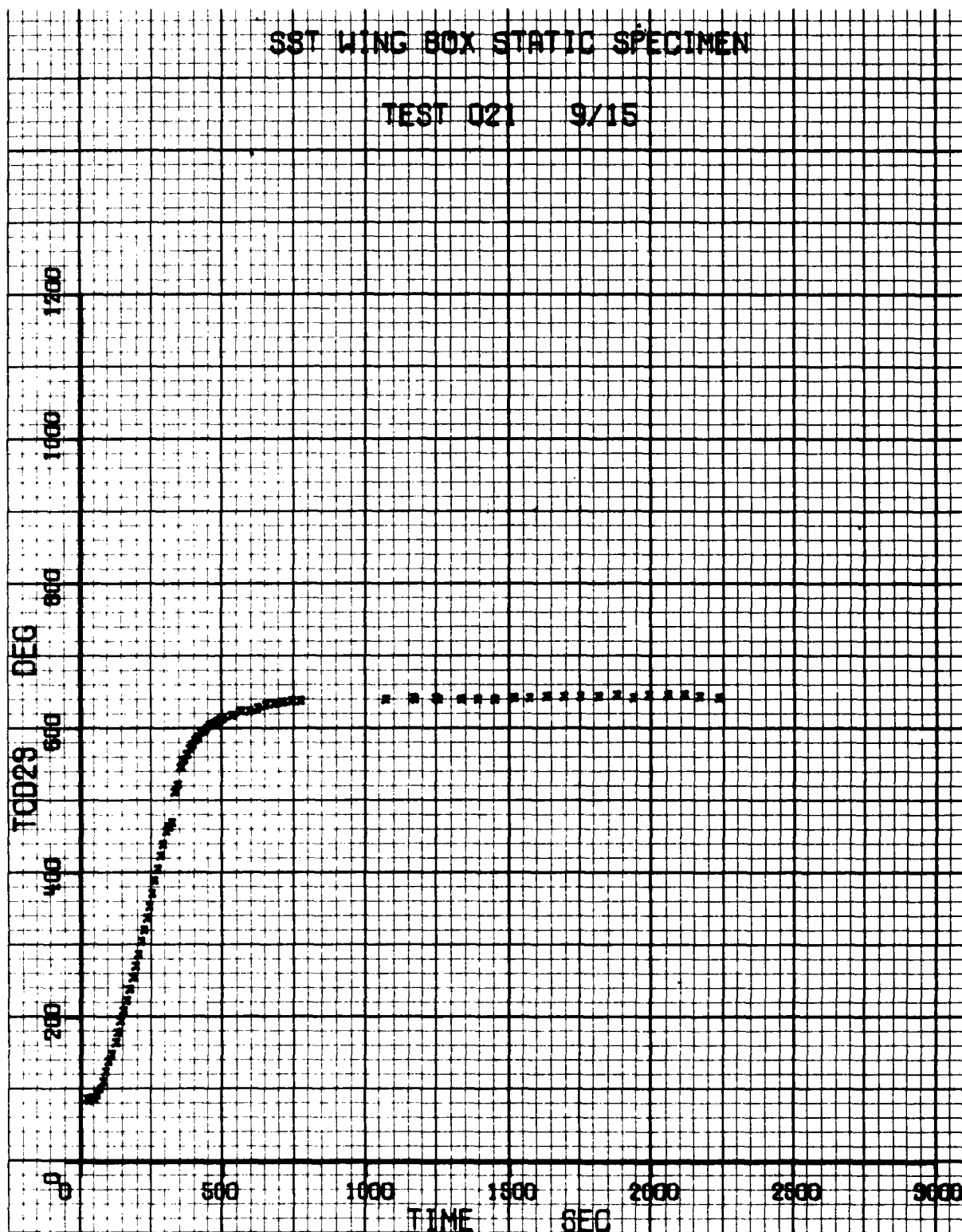
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



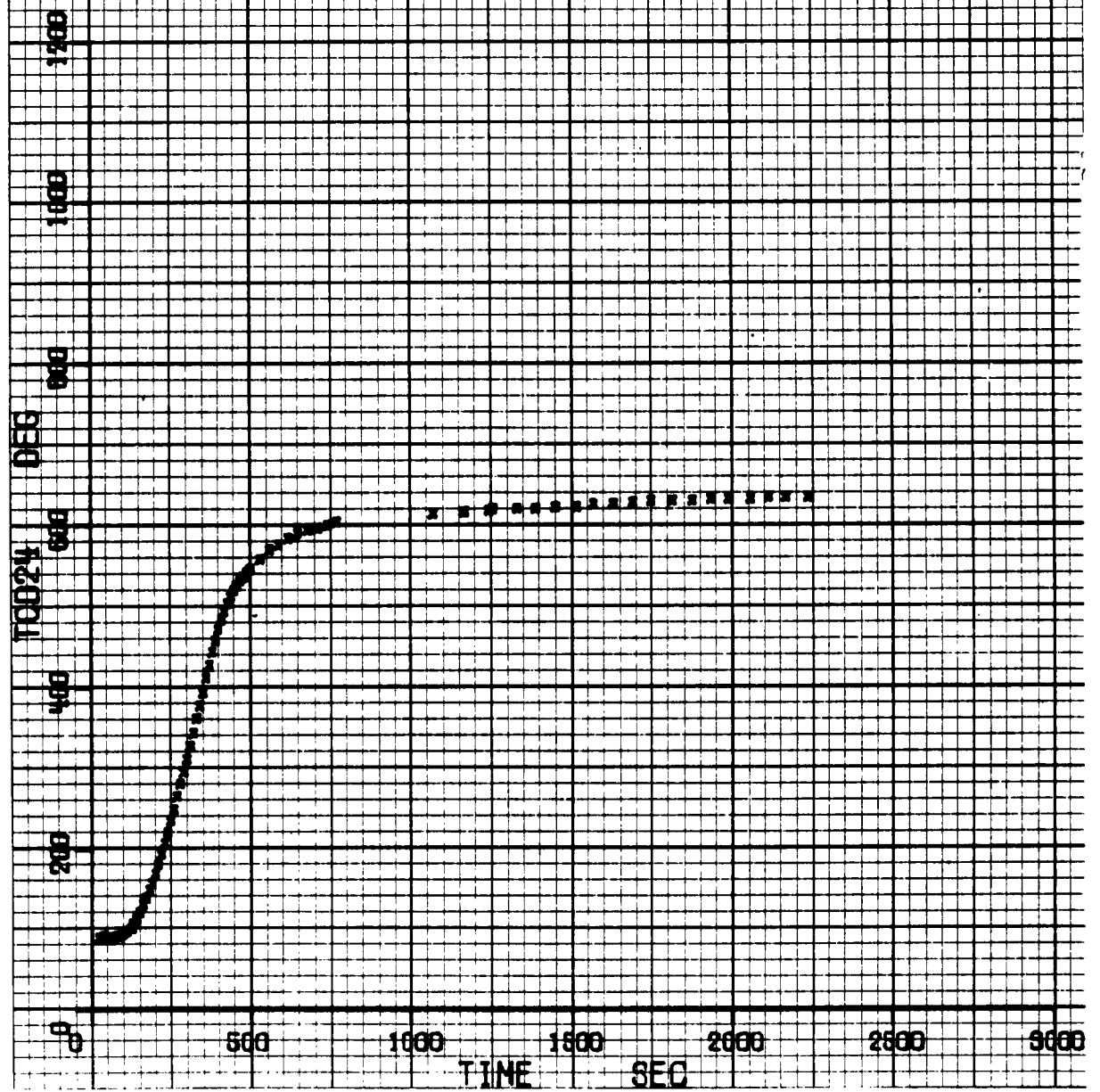
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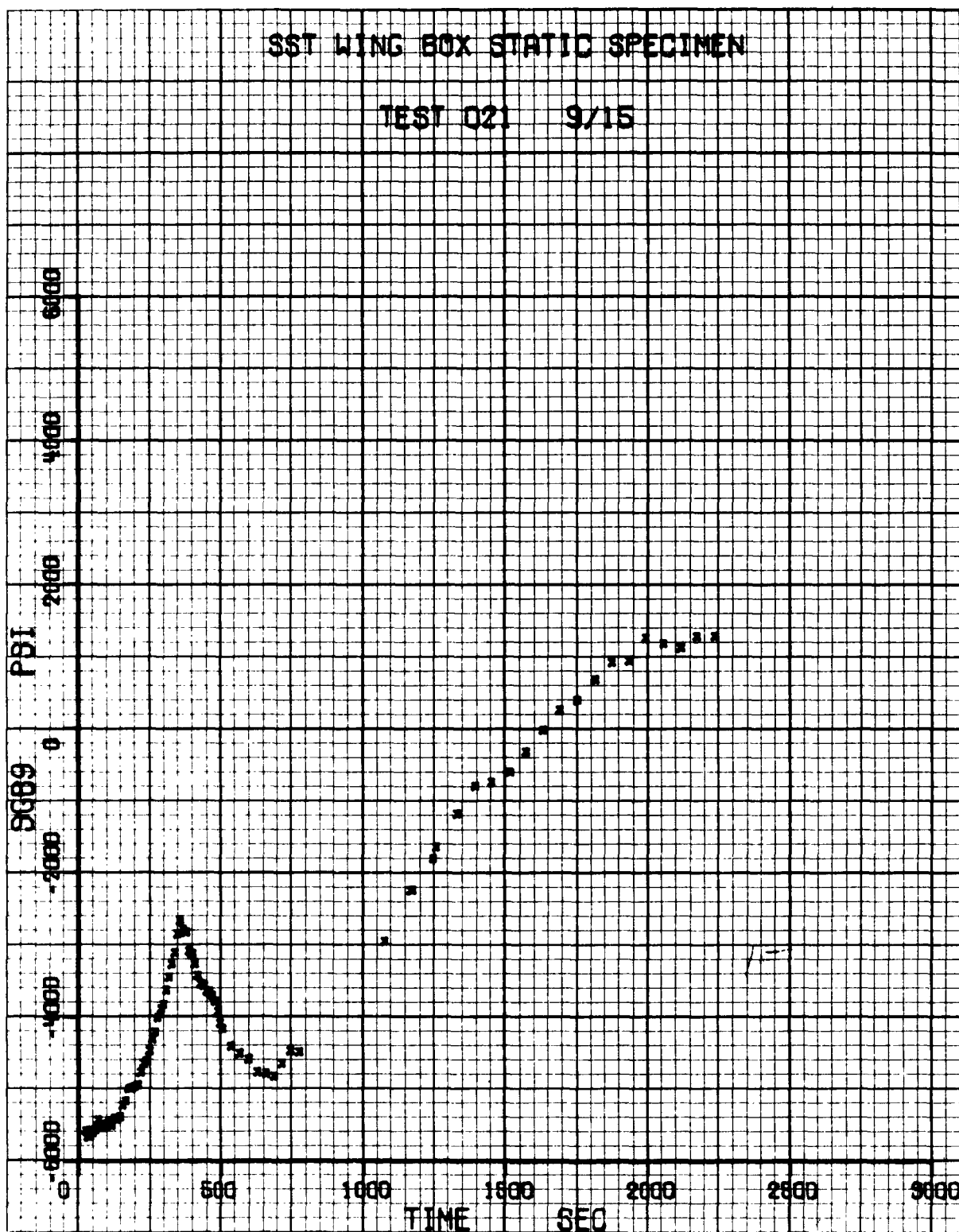
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

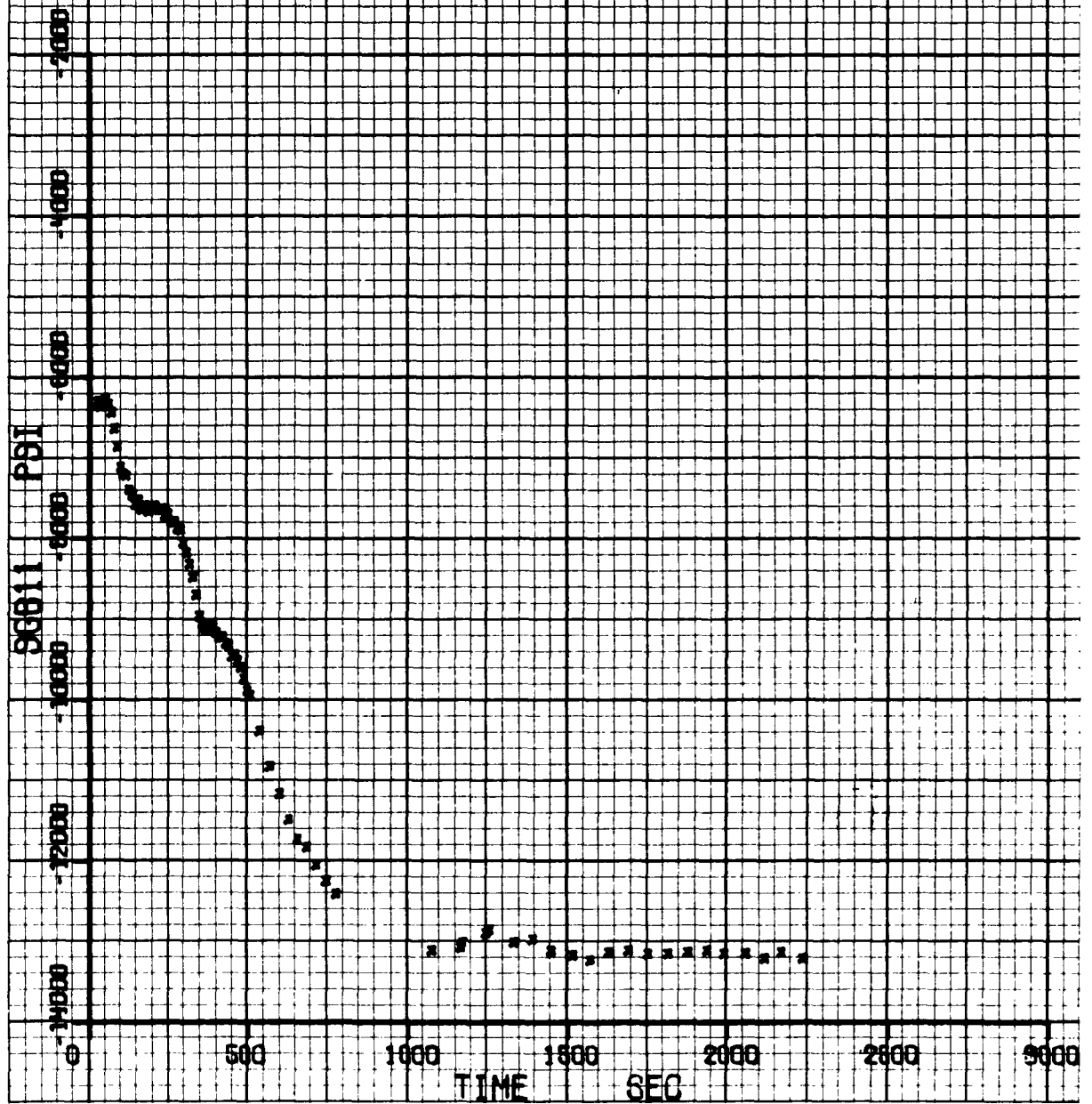
TEST 021 9/15





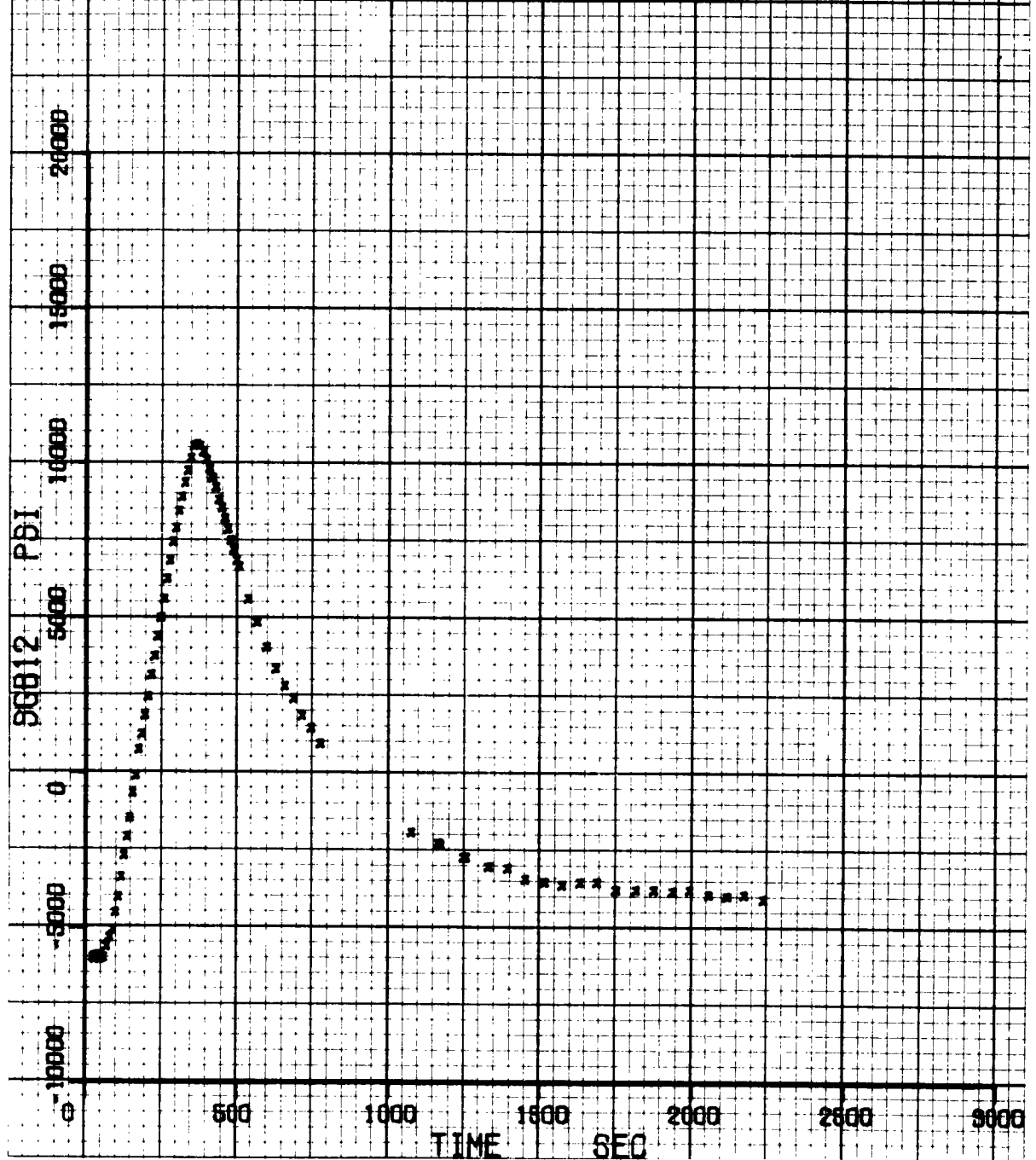
SST WING BOX STATIC SPECIMEN

TEST 021 9/15

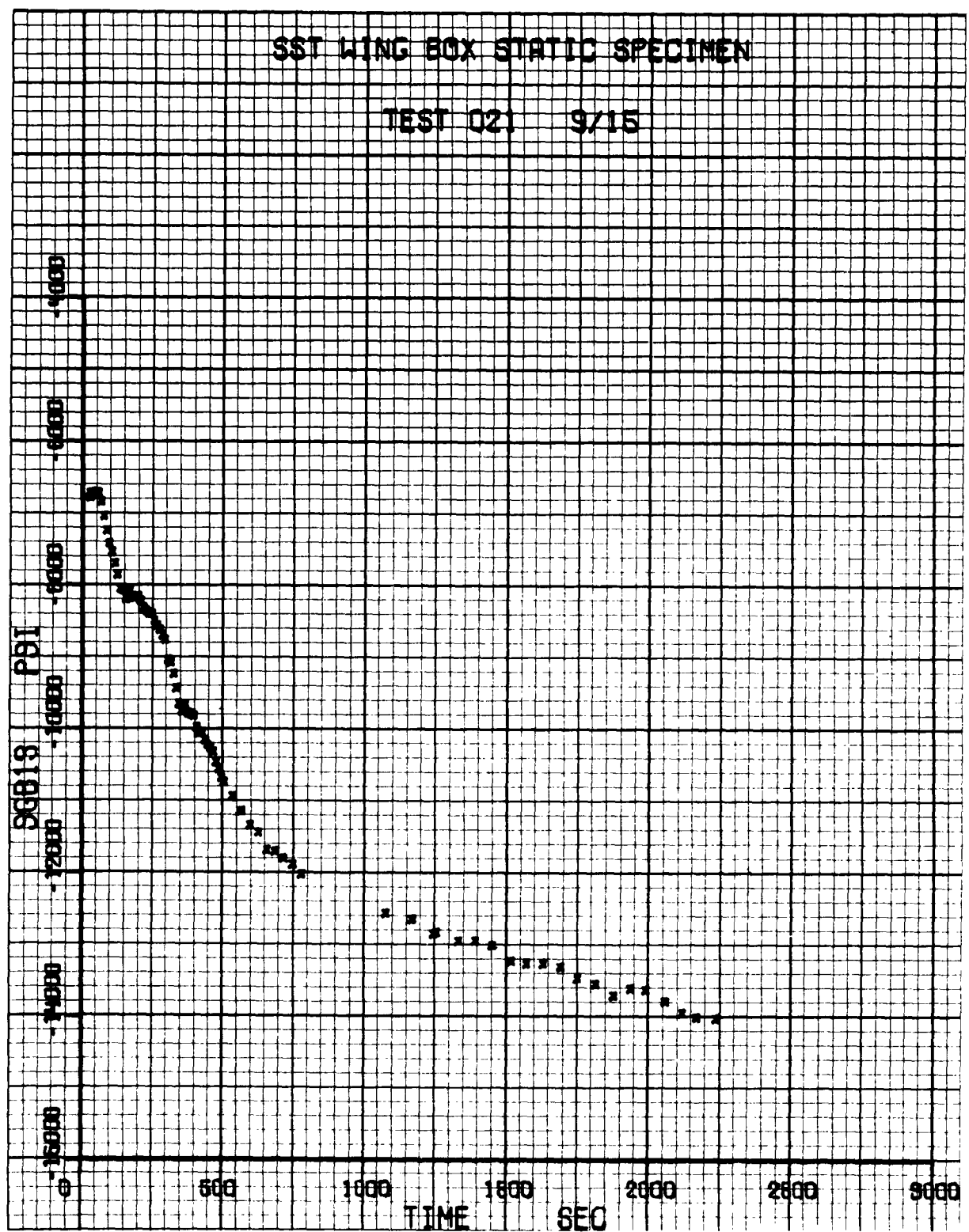


# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

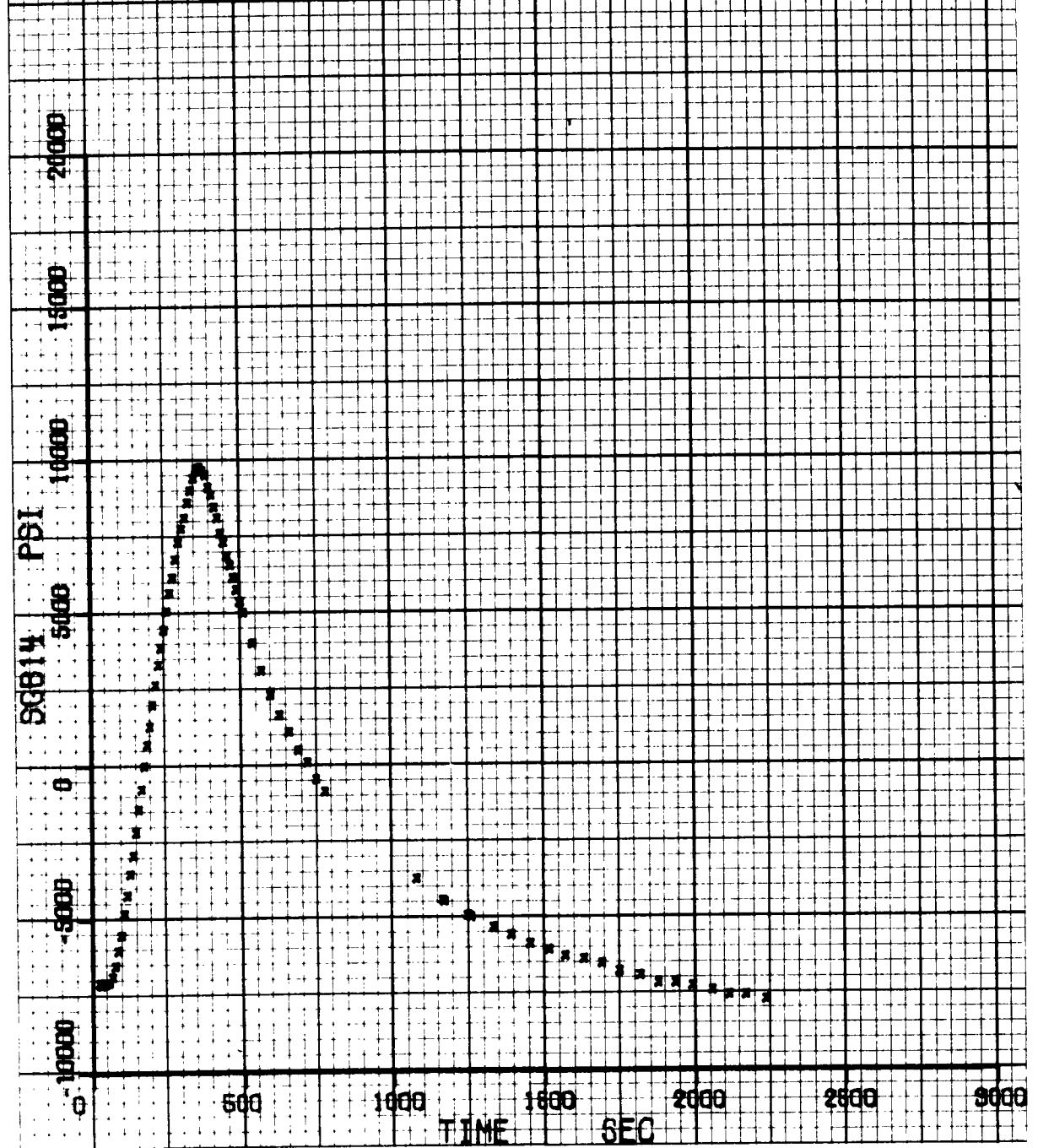






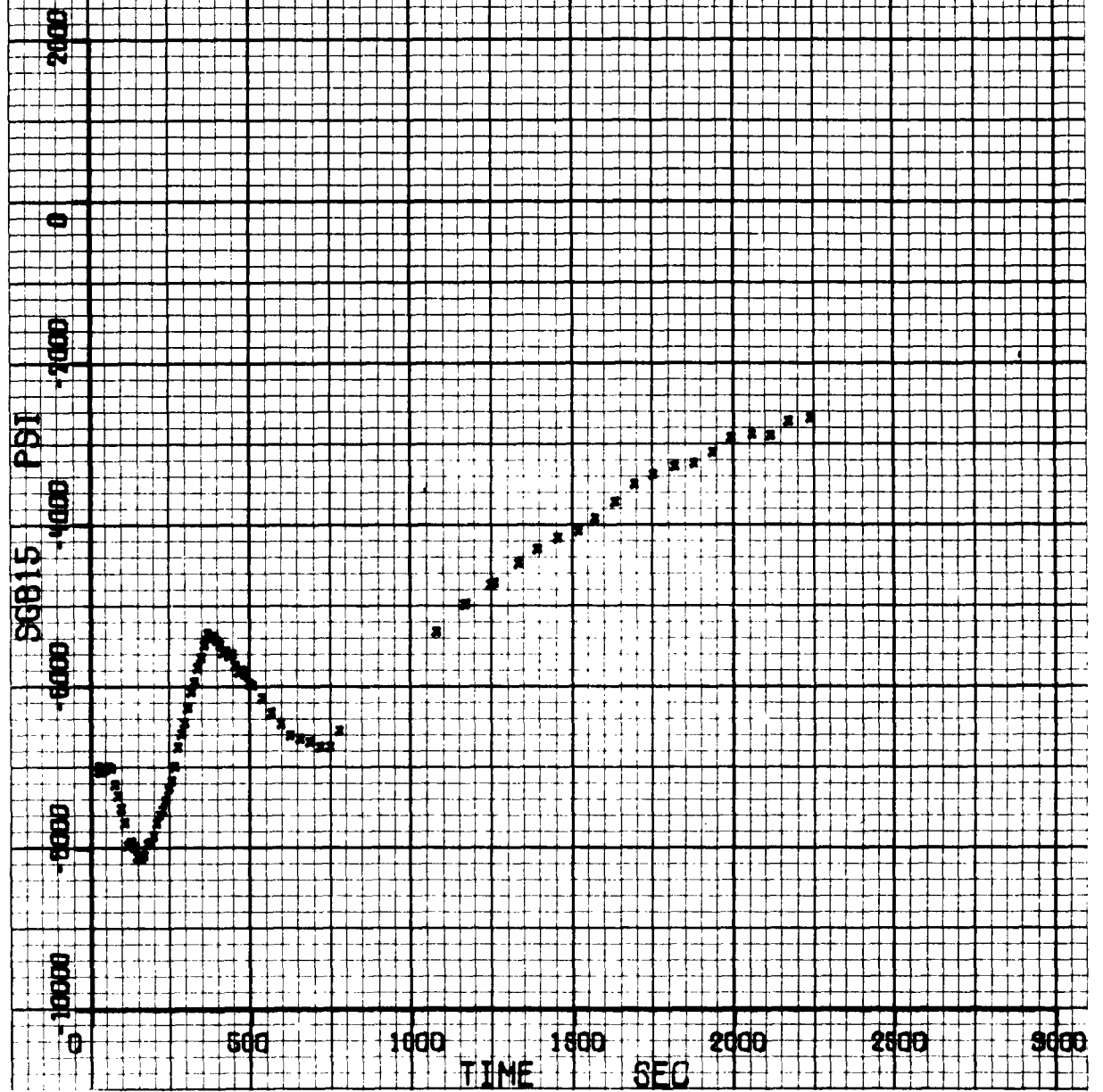
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



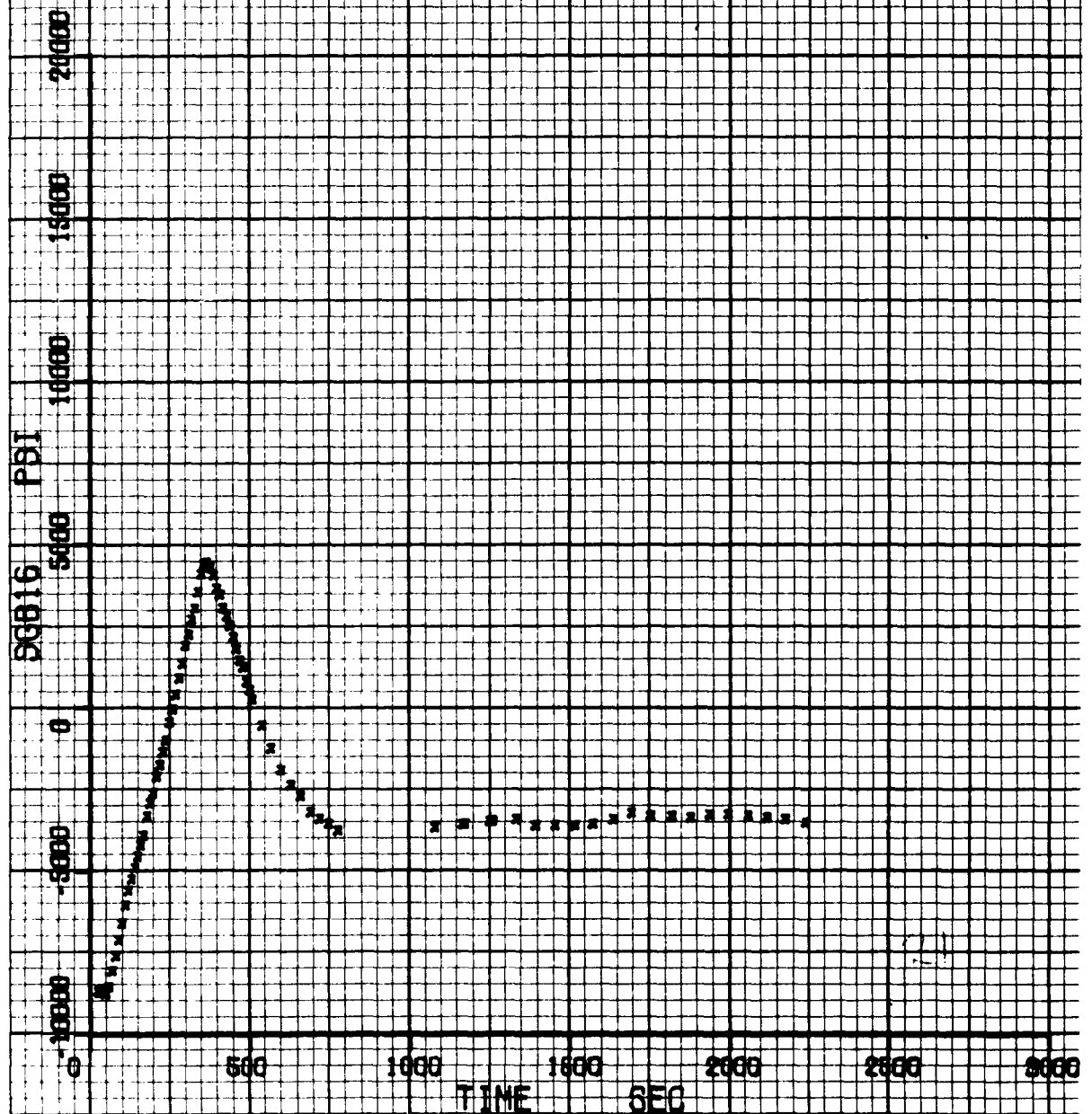
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



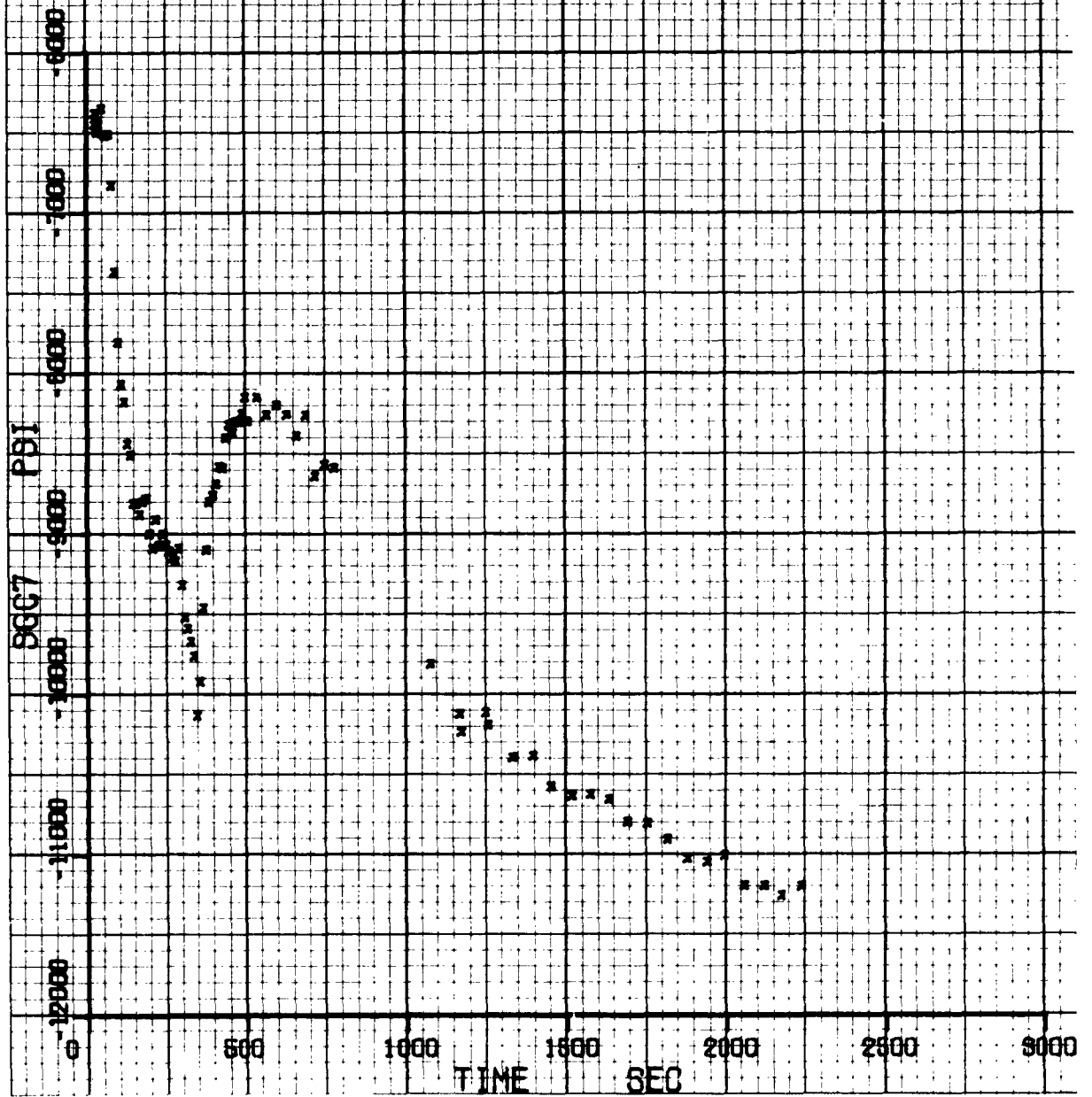
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



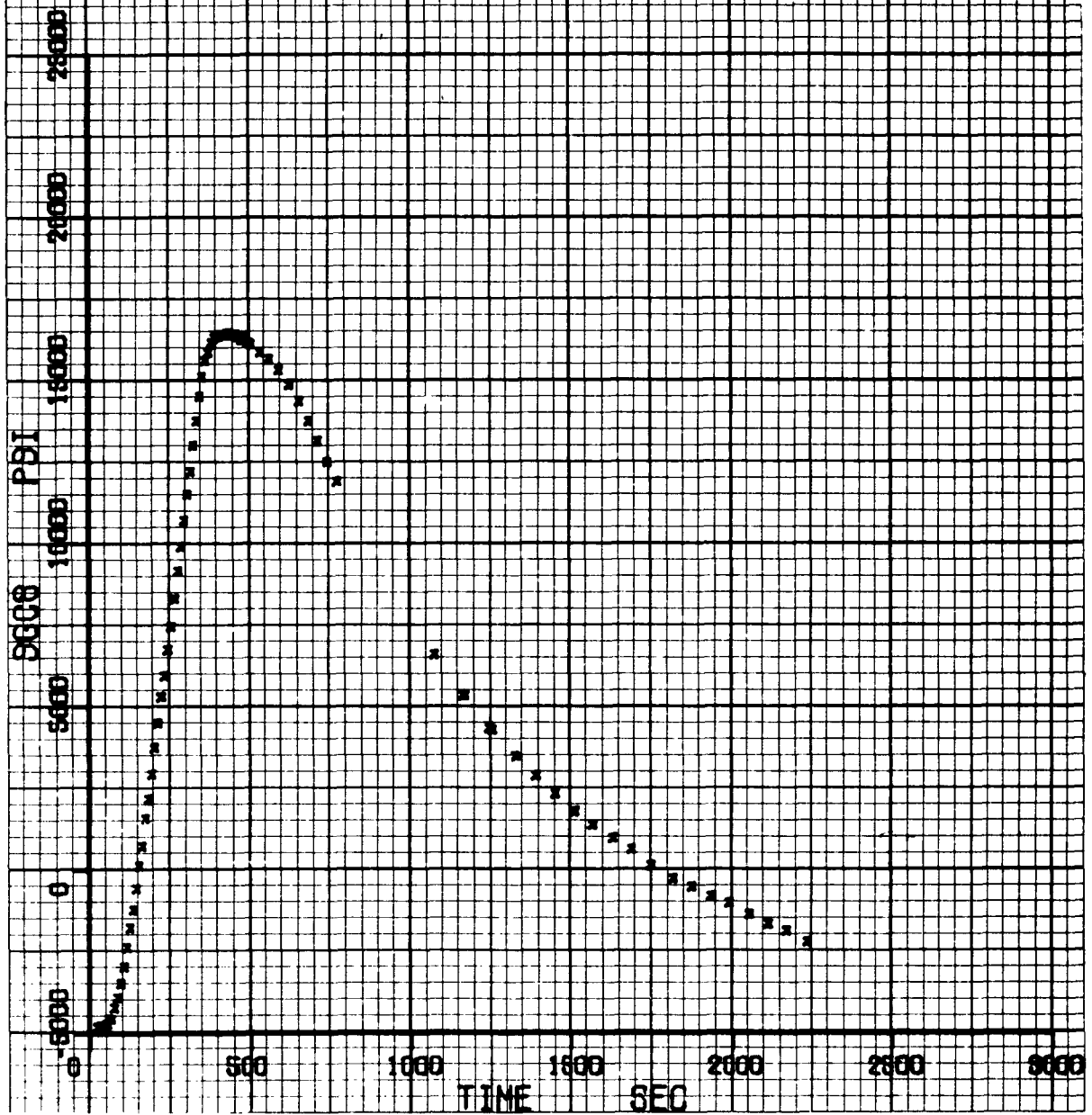
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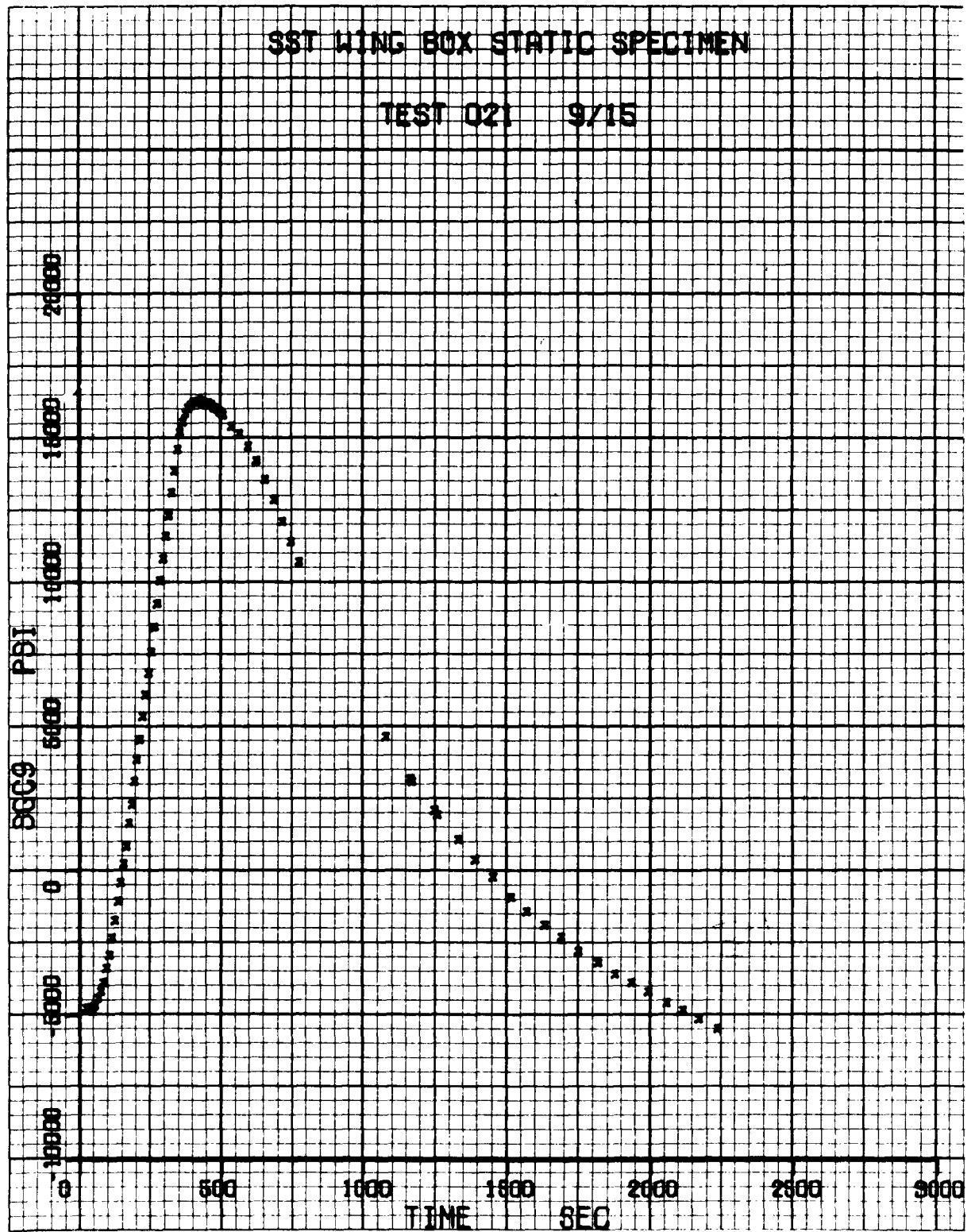
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

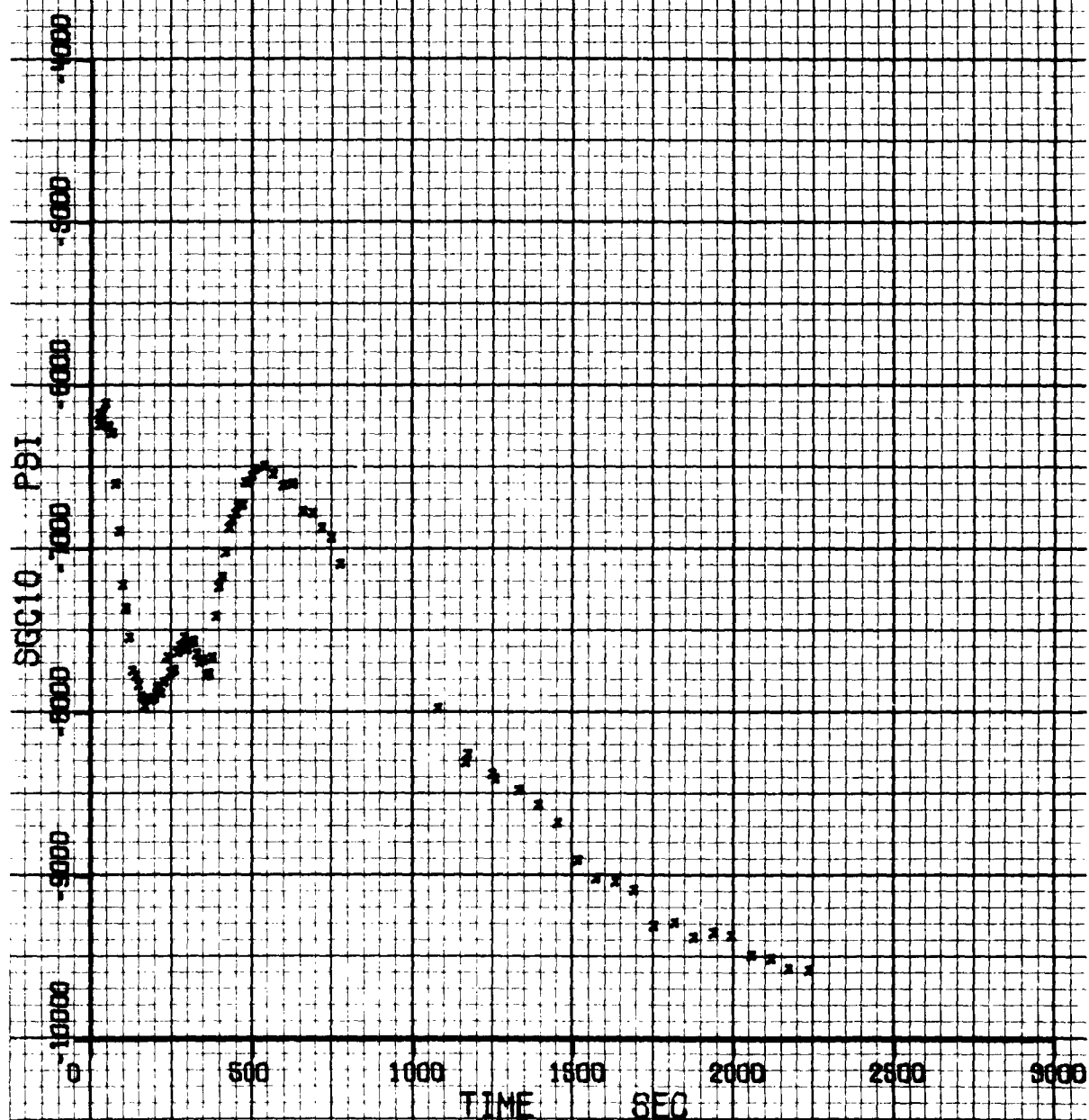
TEST 021 9/15





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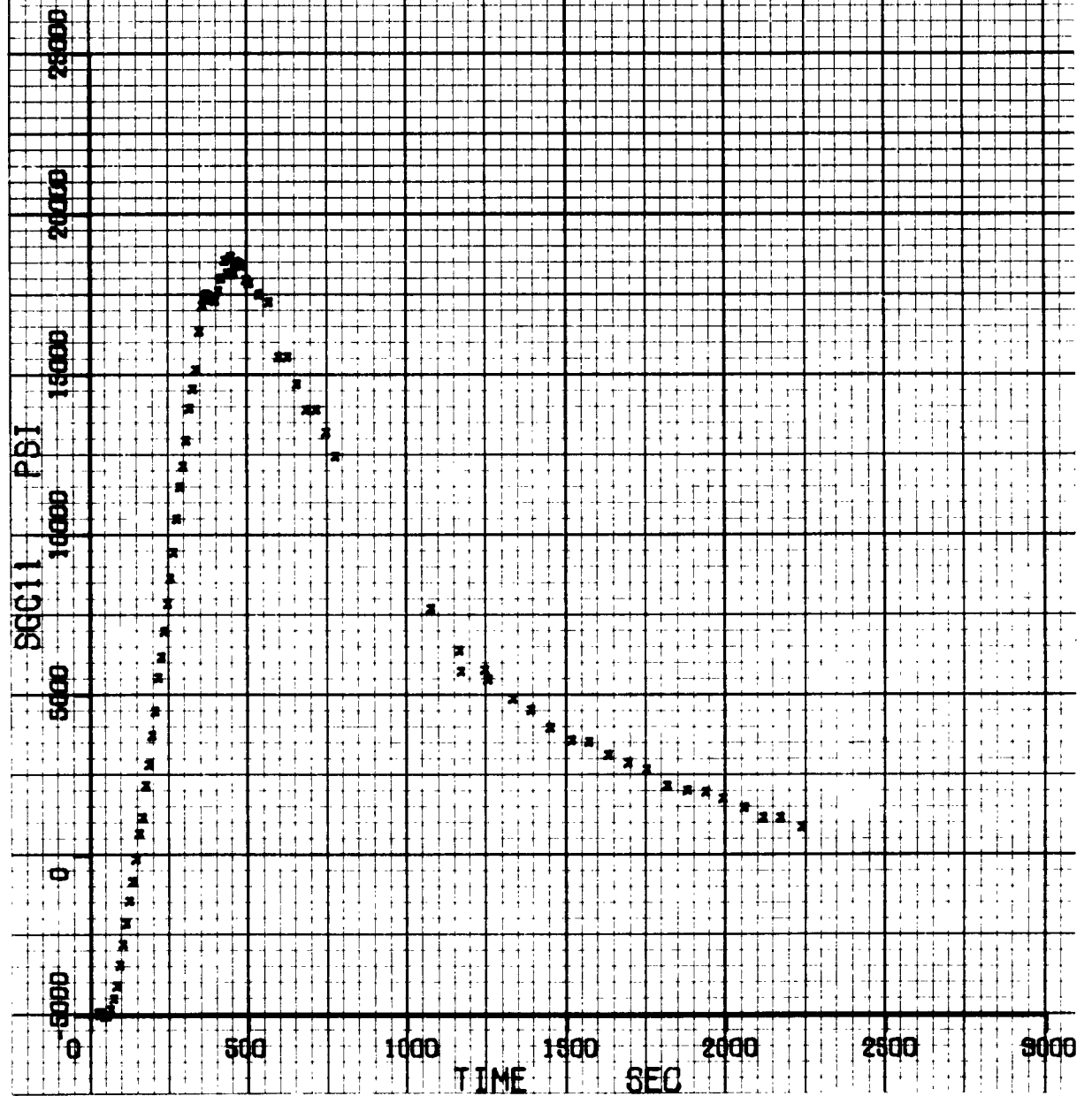
TEST 021 9/15





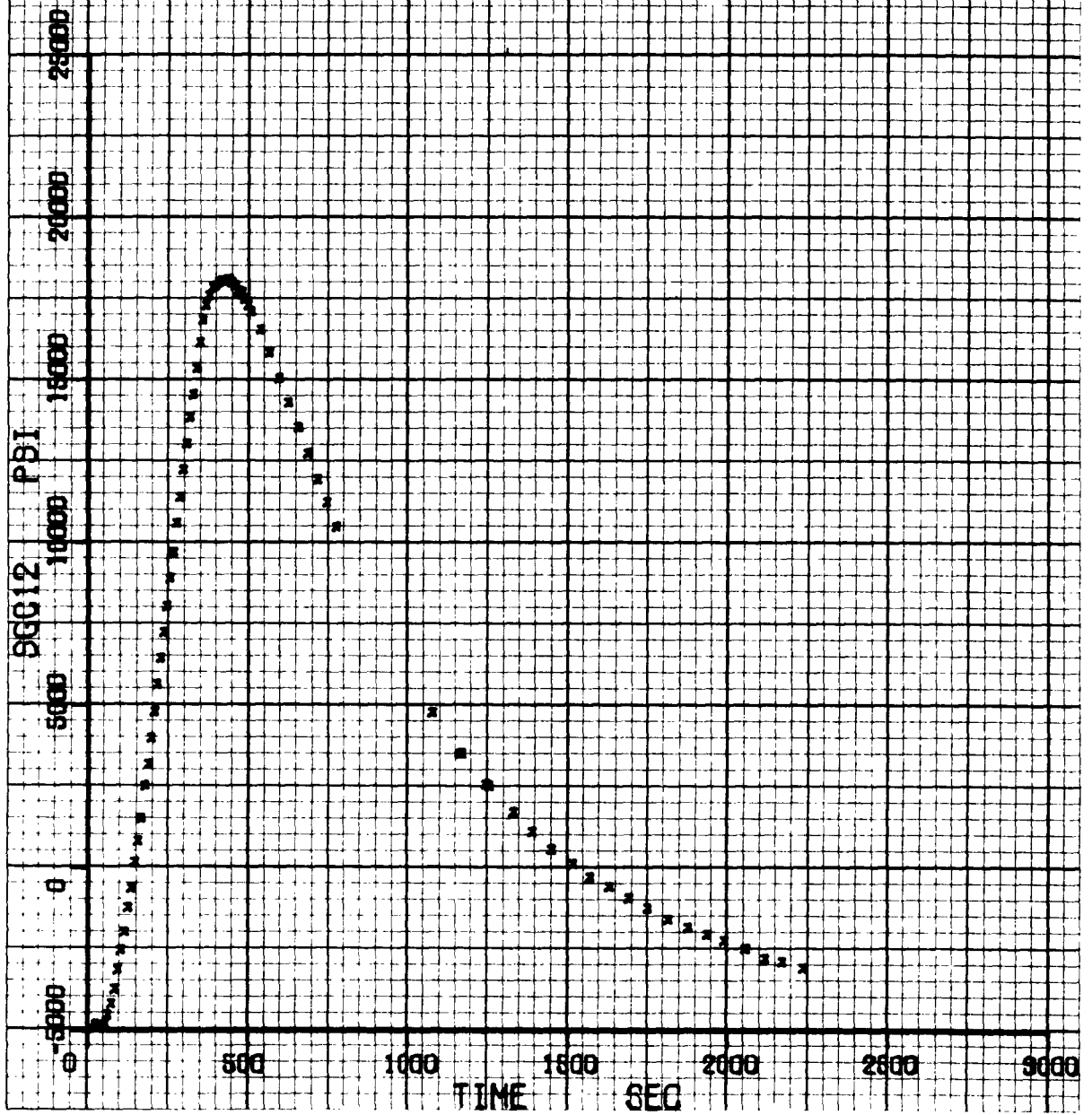
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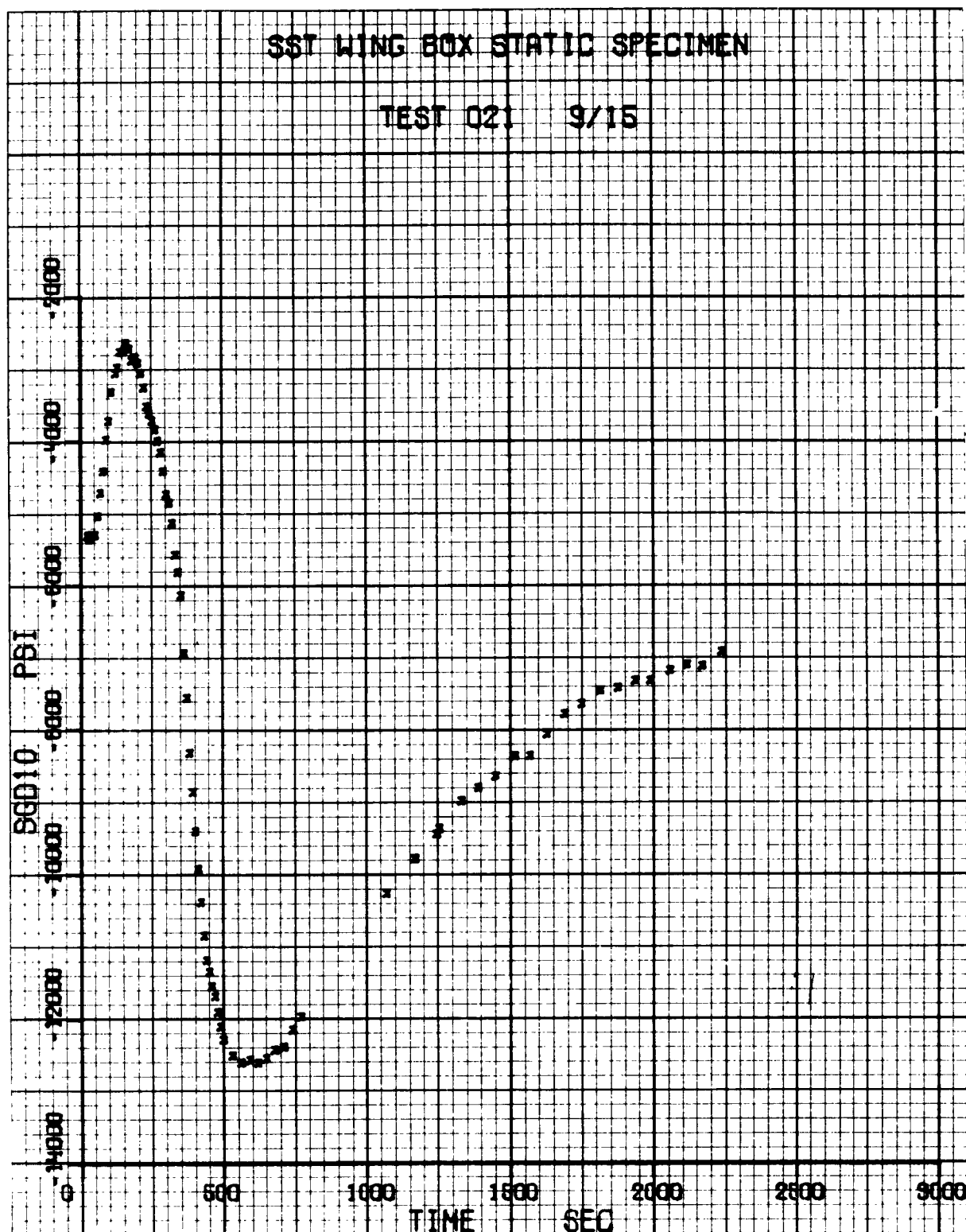
TEST 021 9/15

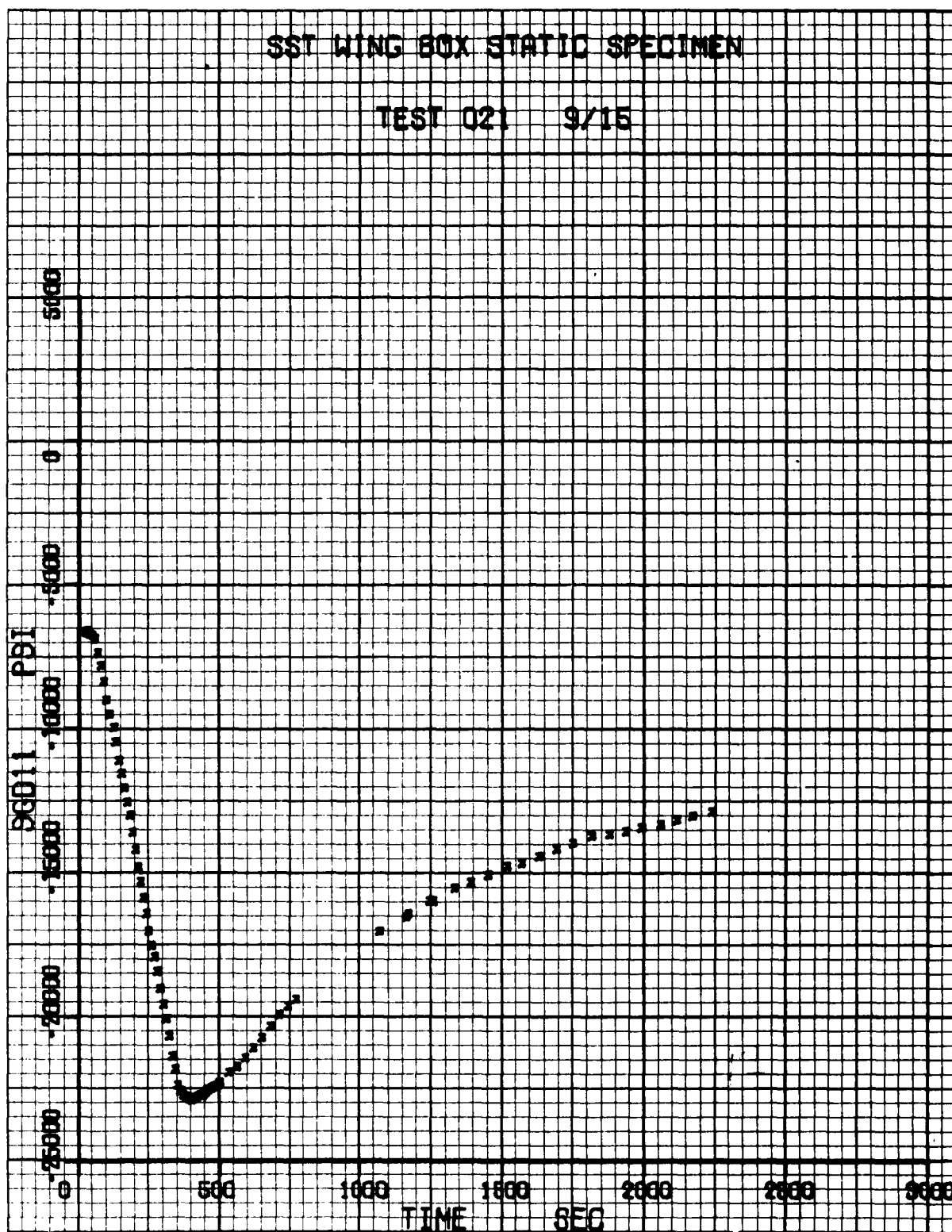


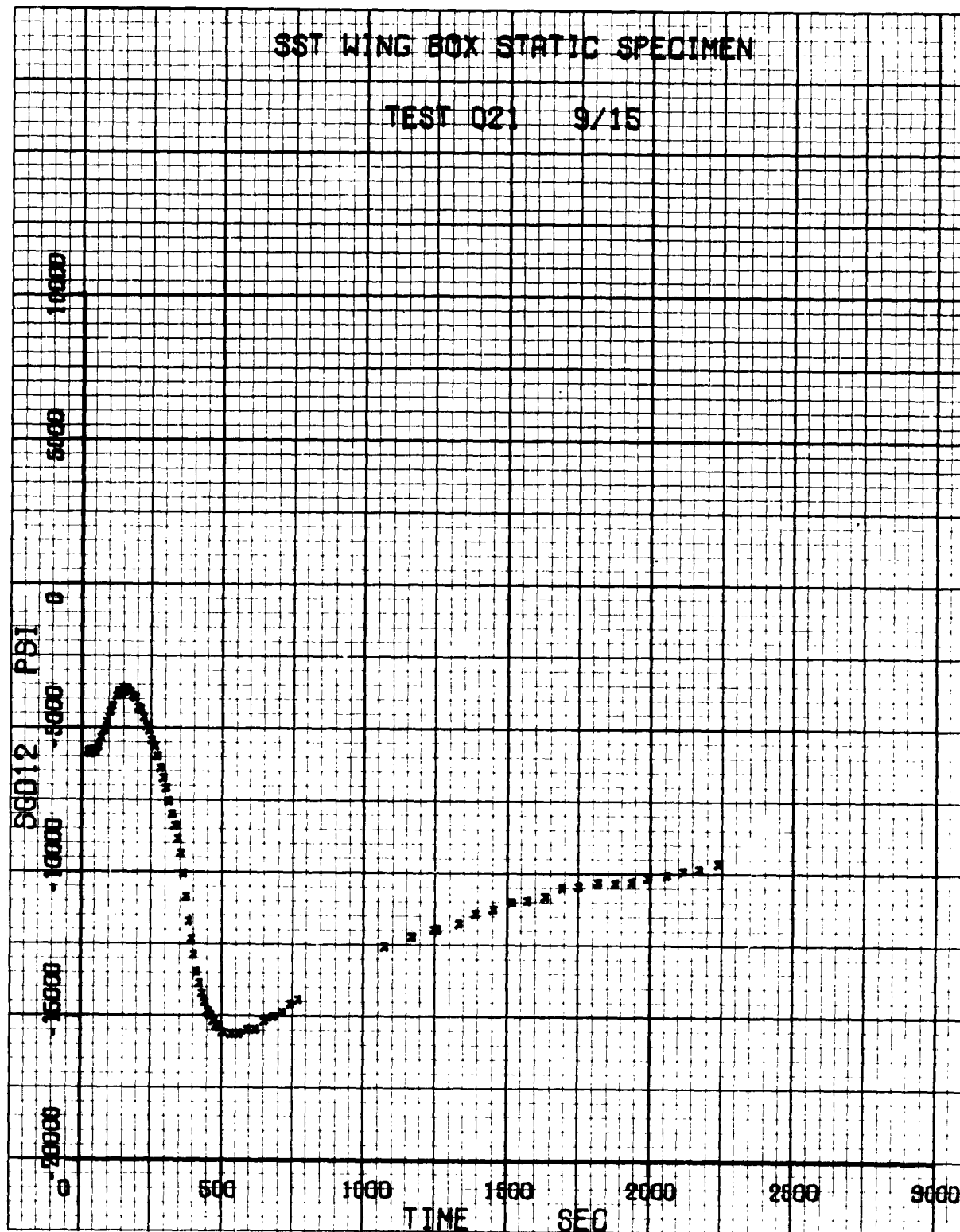
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



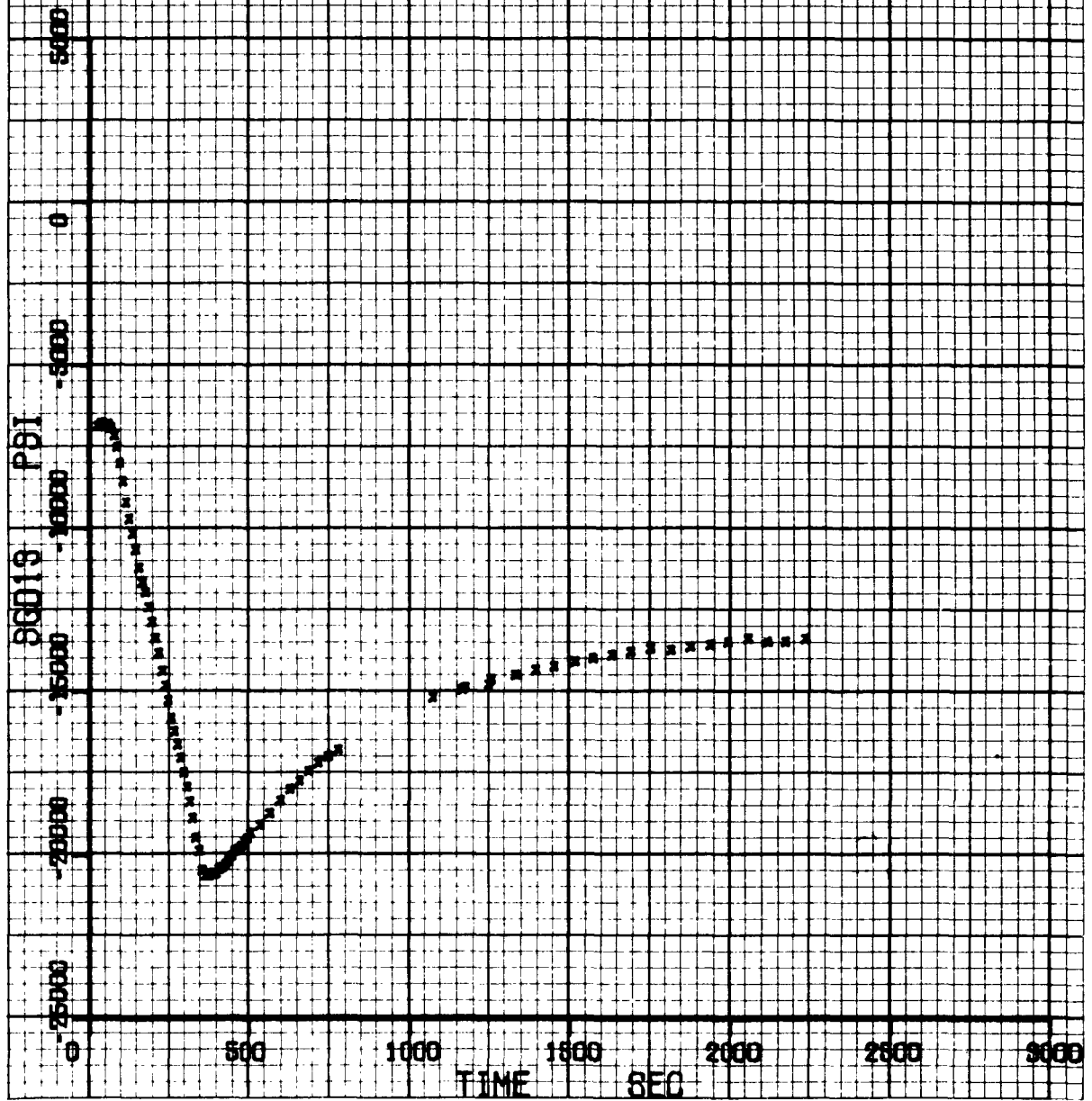






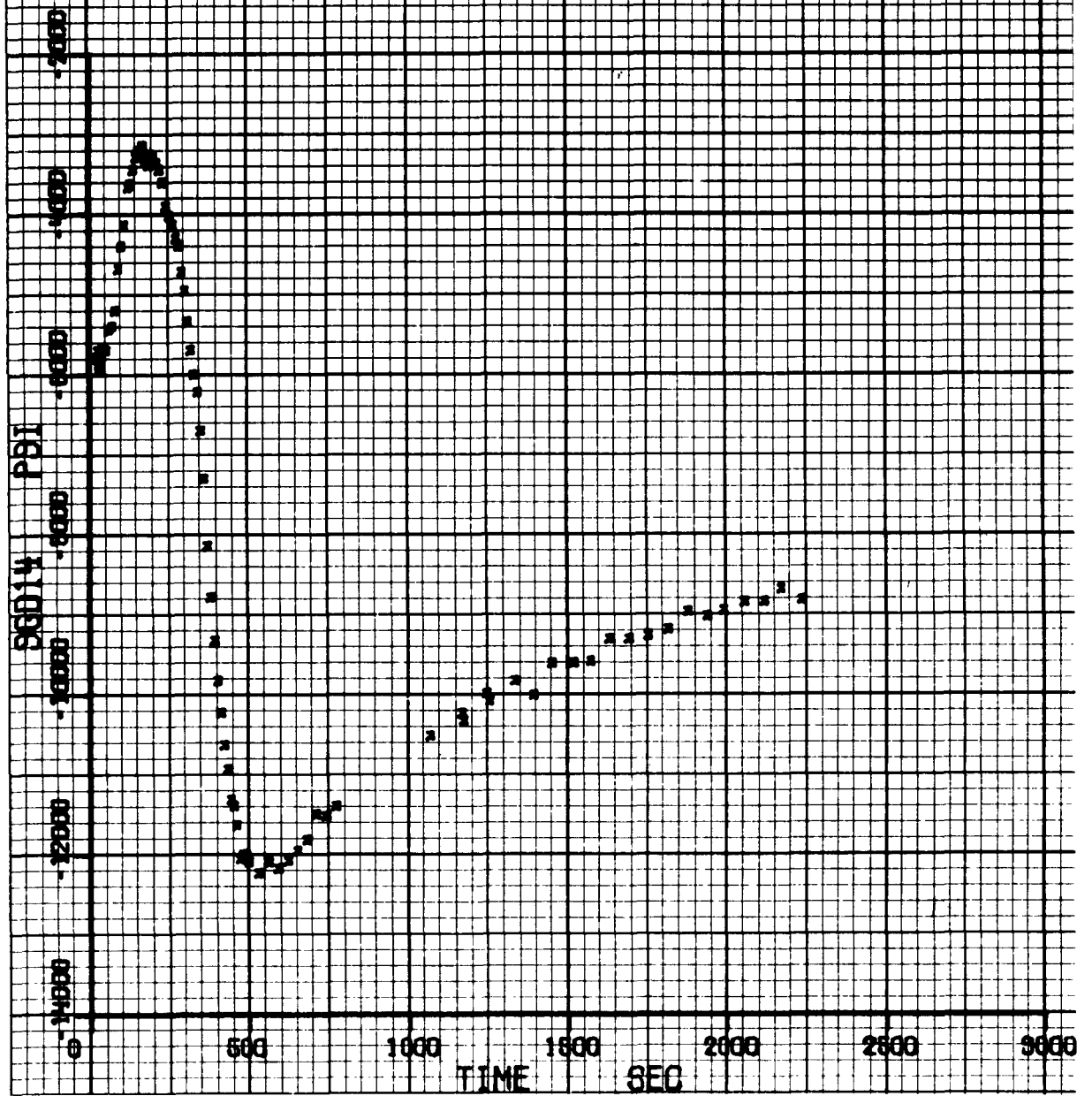
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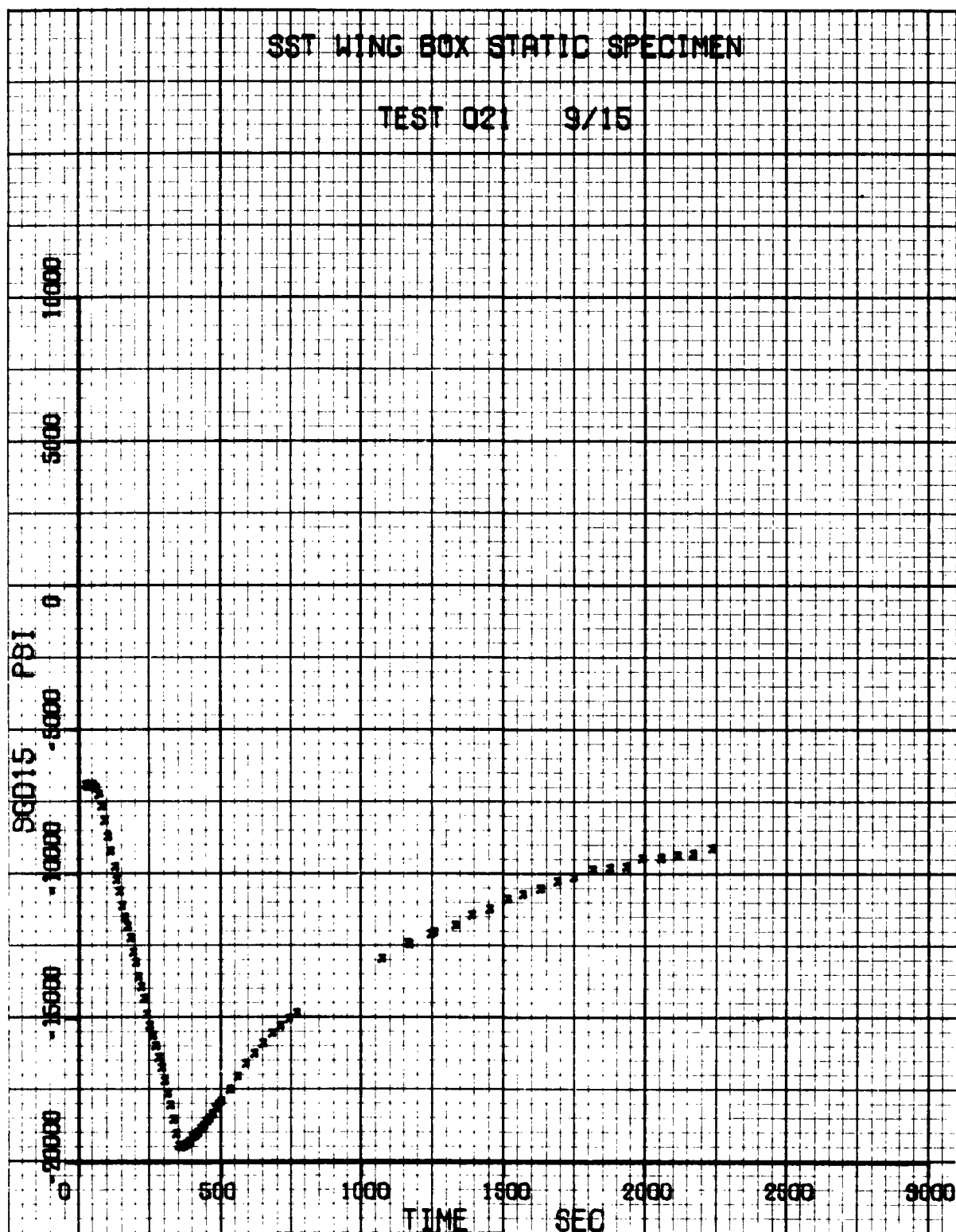
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

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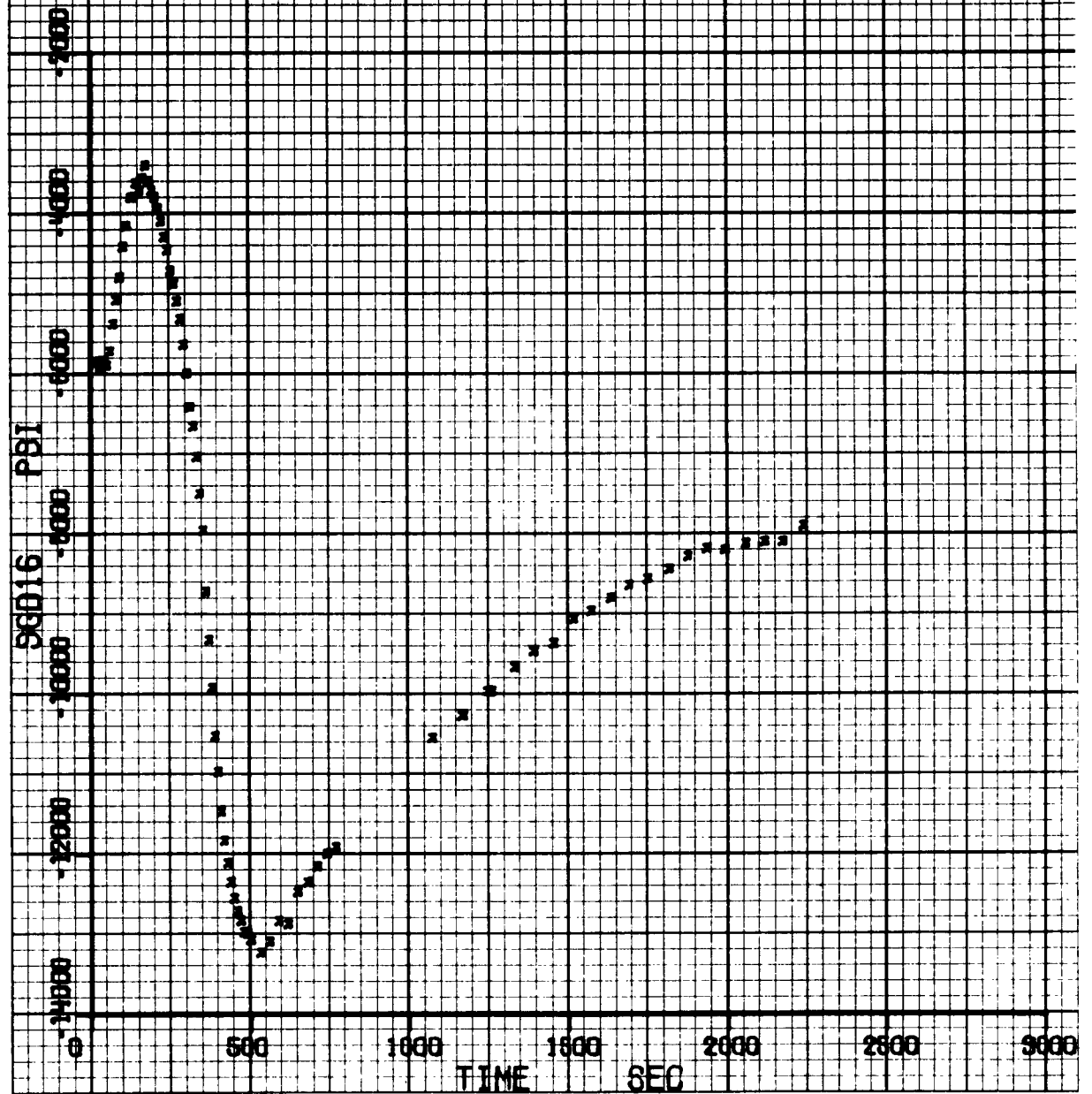






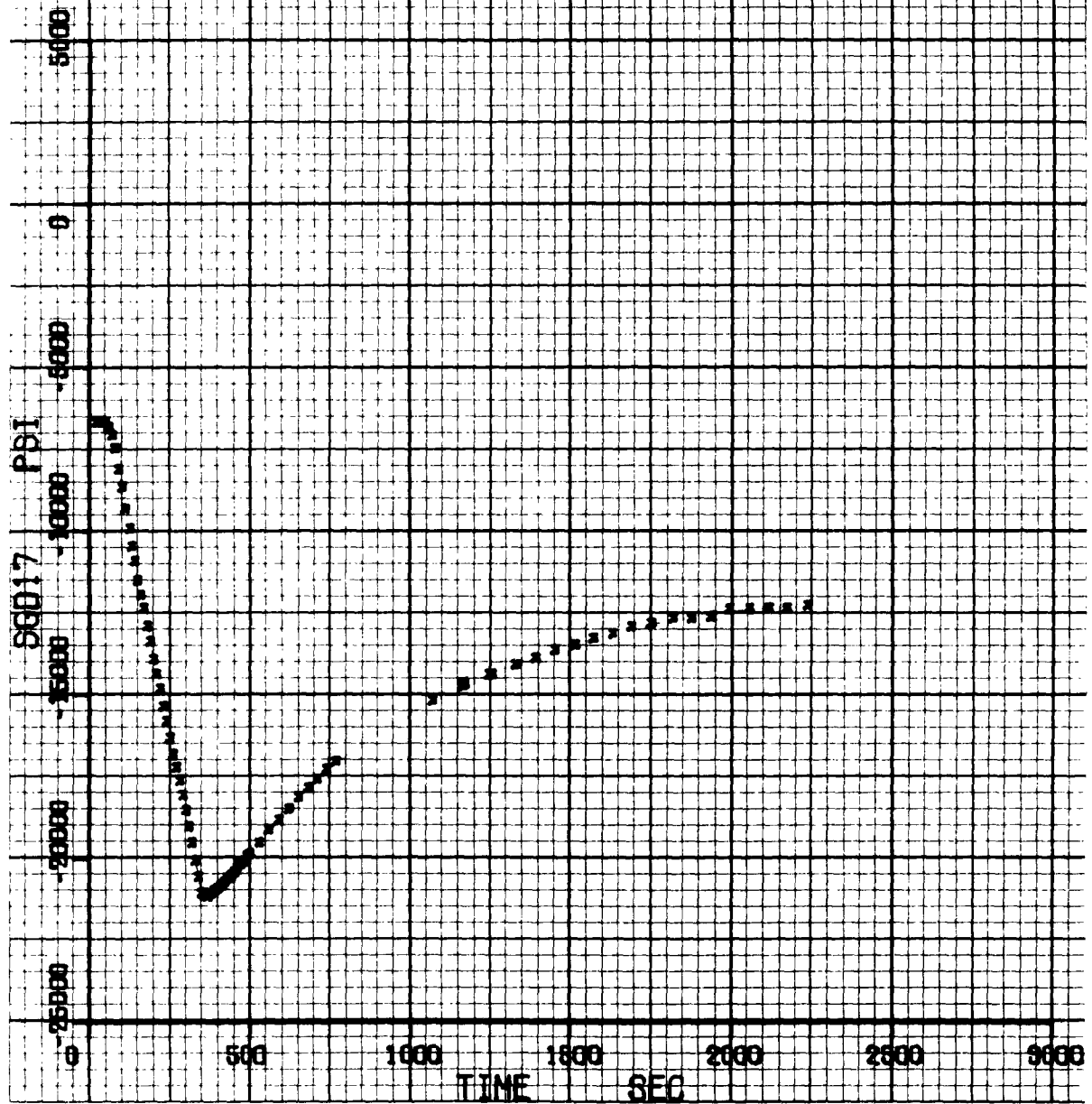
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



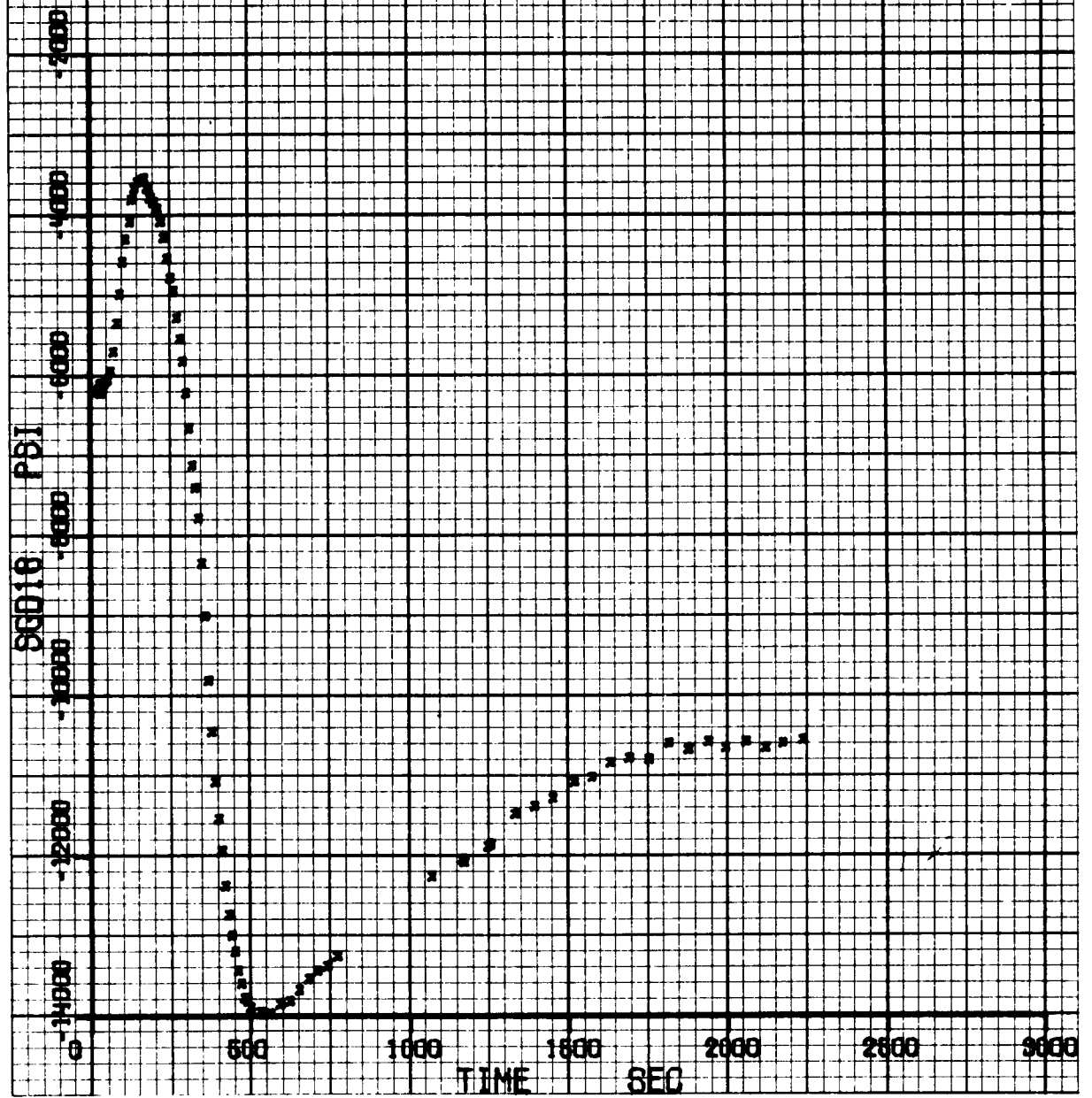
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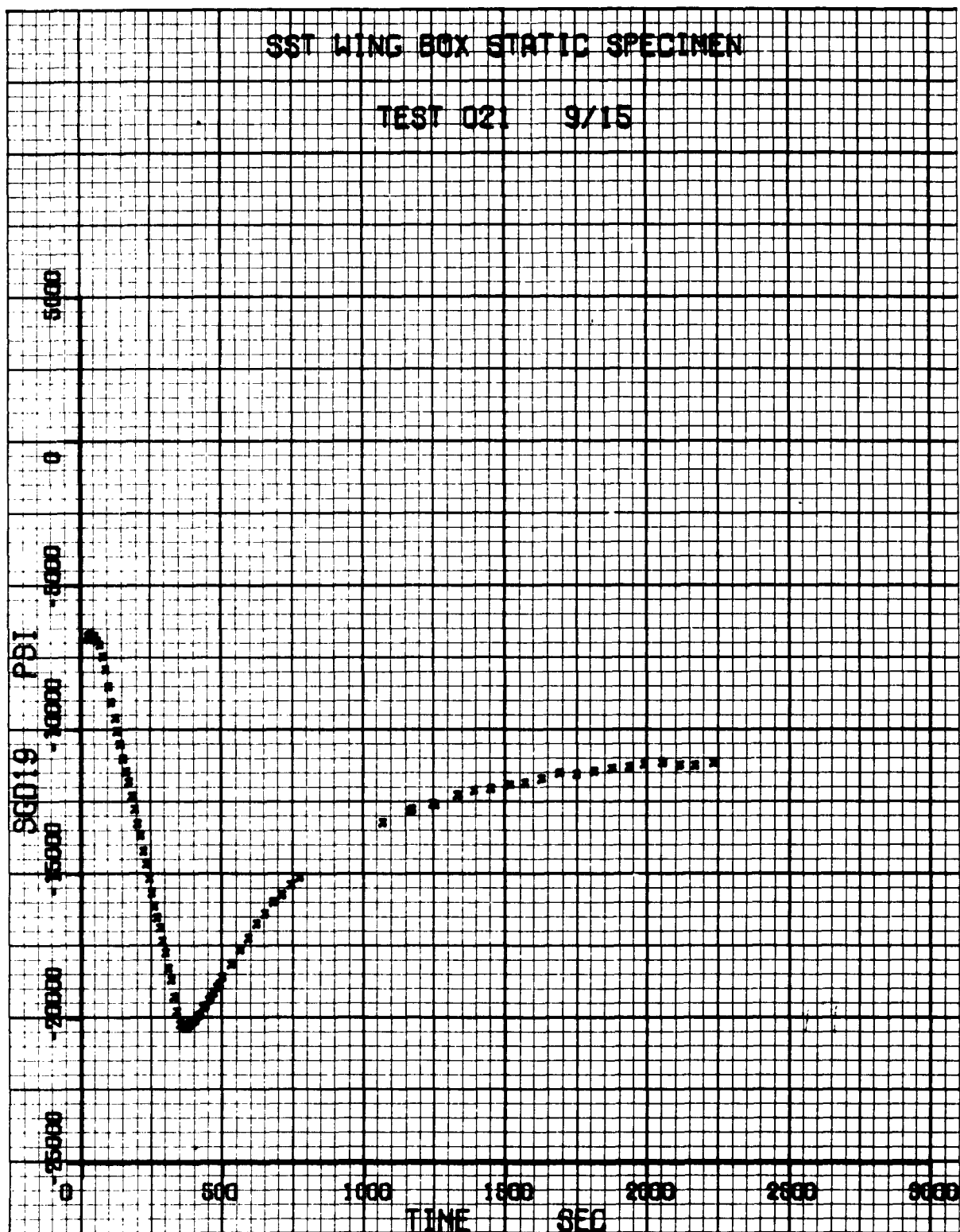
TEST 021 9/15



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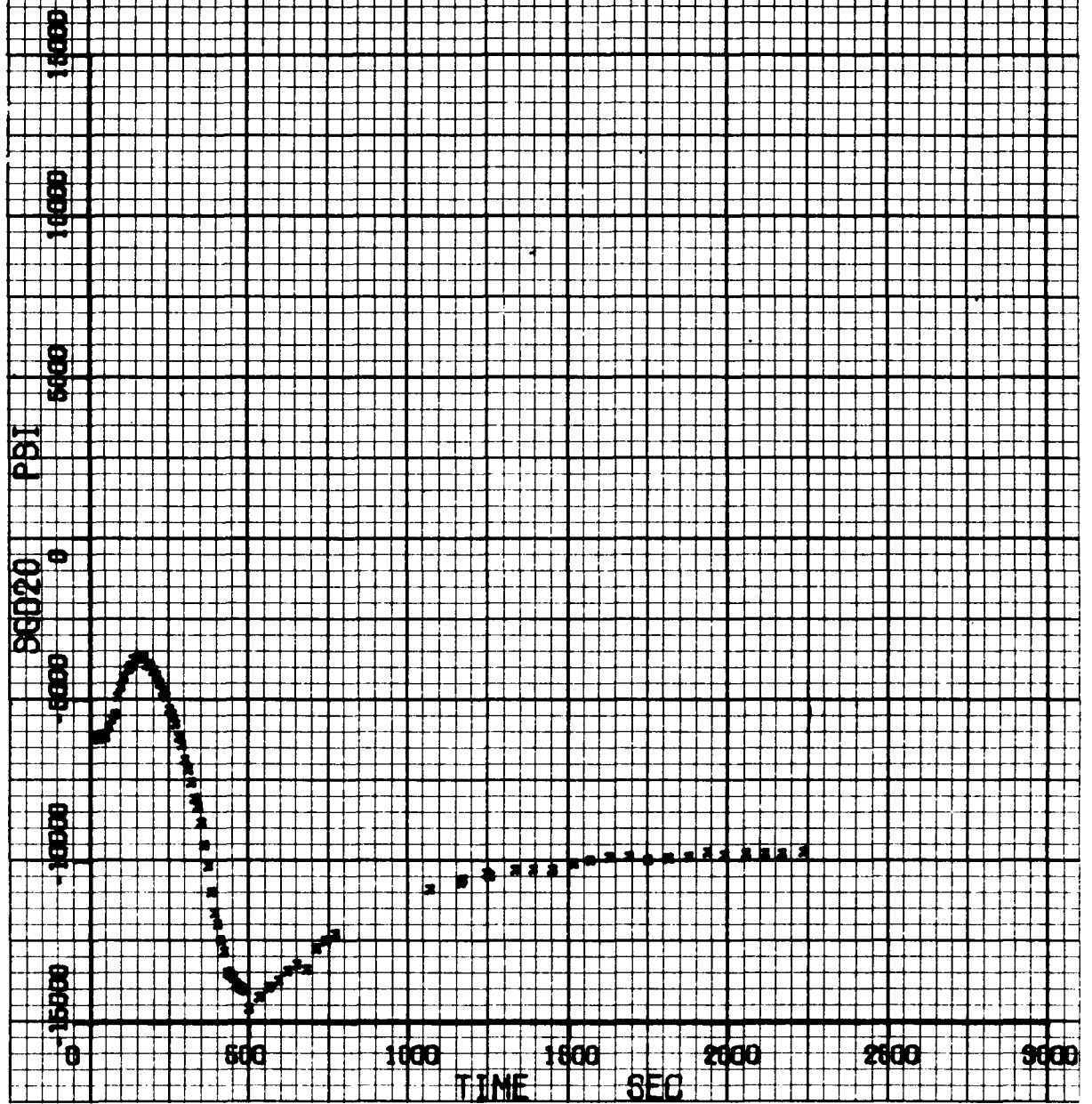
TEST 021 9/15





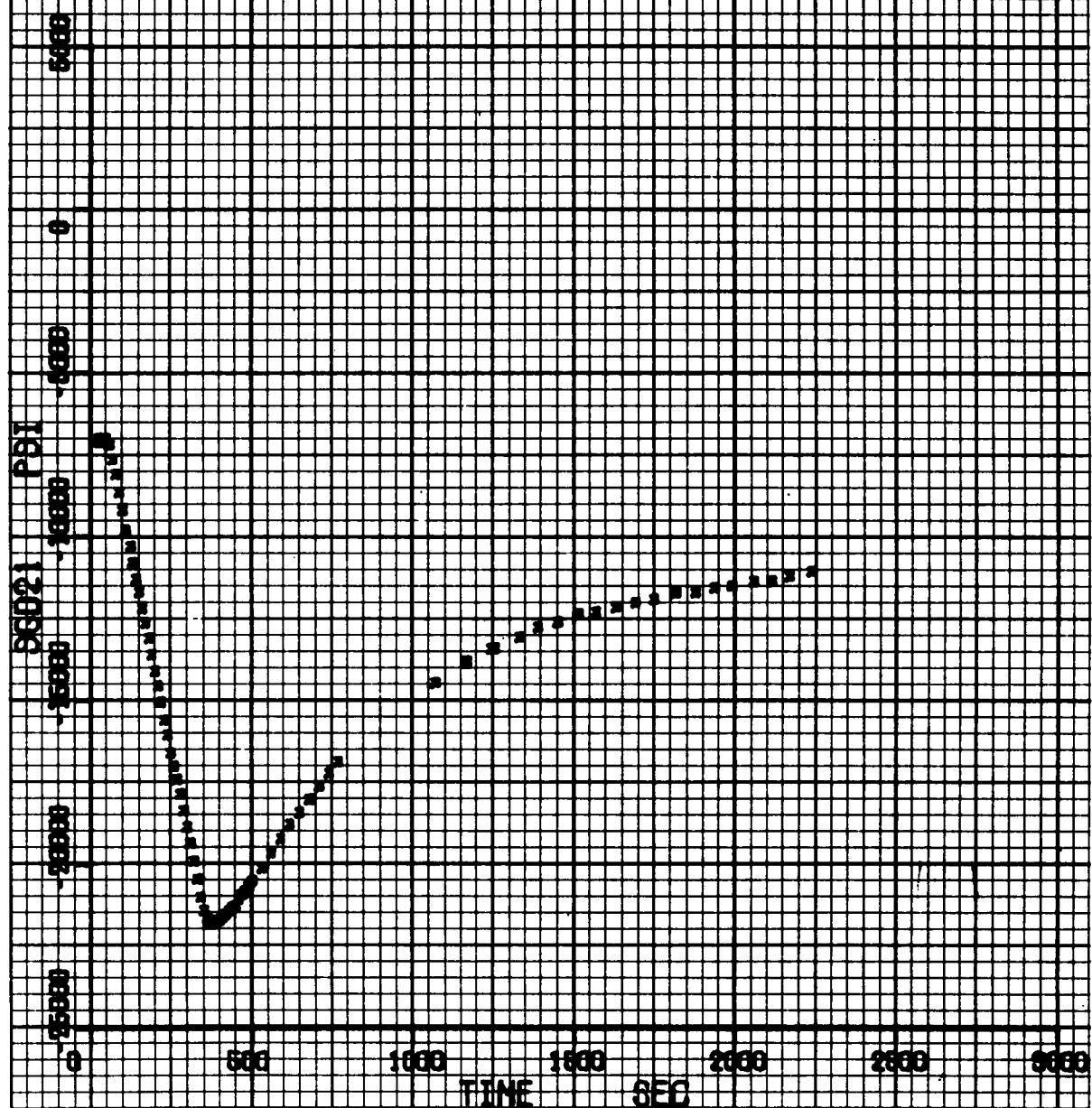
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TEST 021 9/15



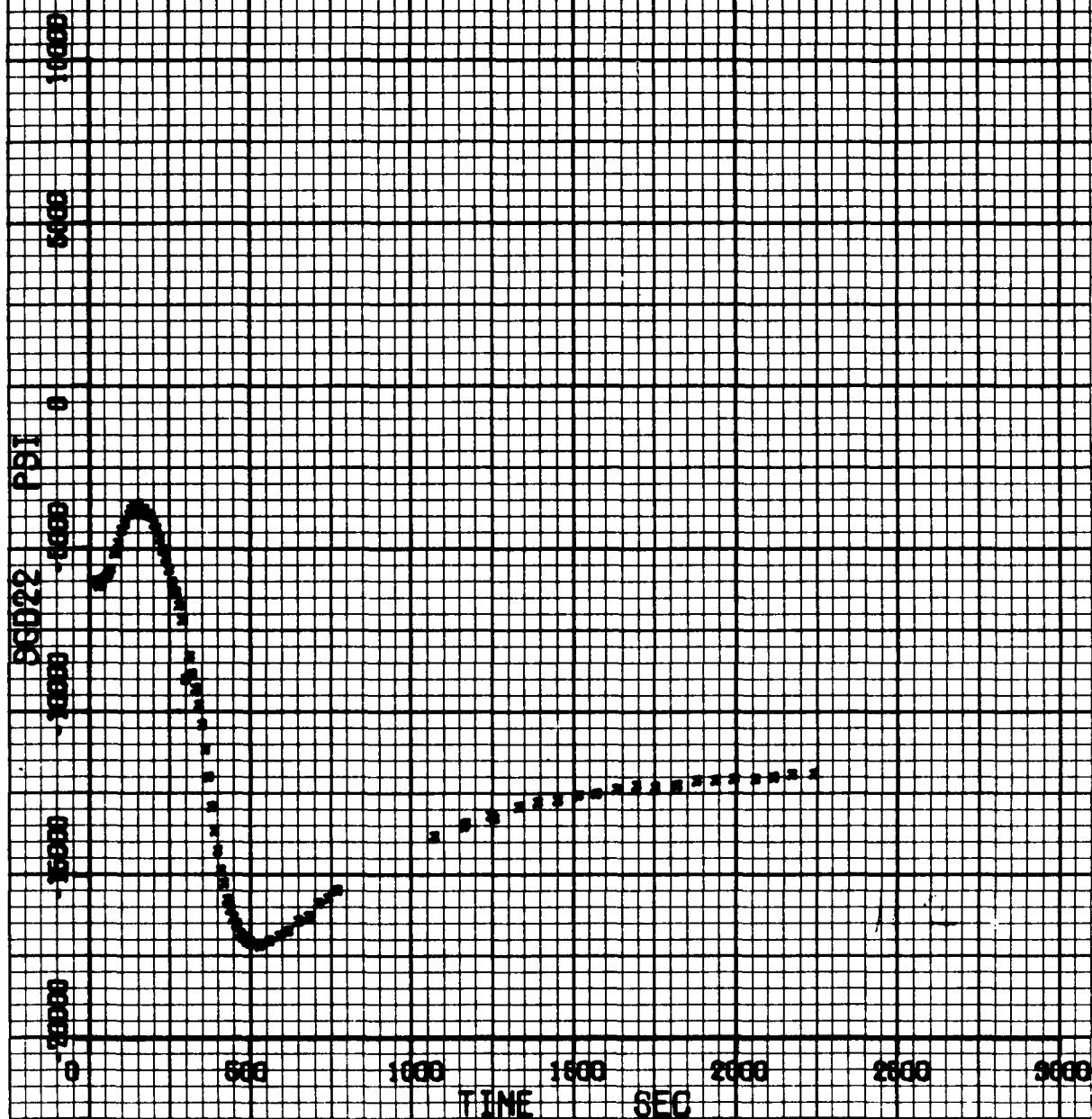
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TEST 021 9/15



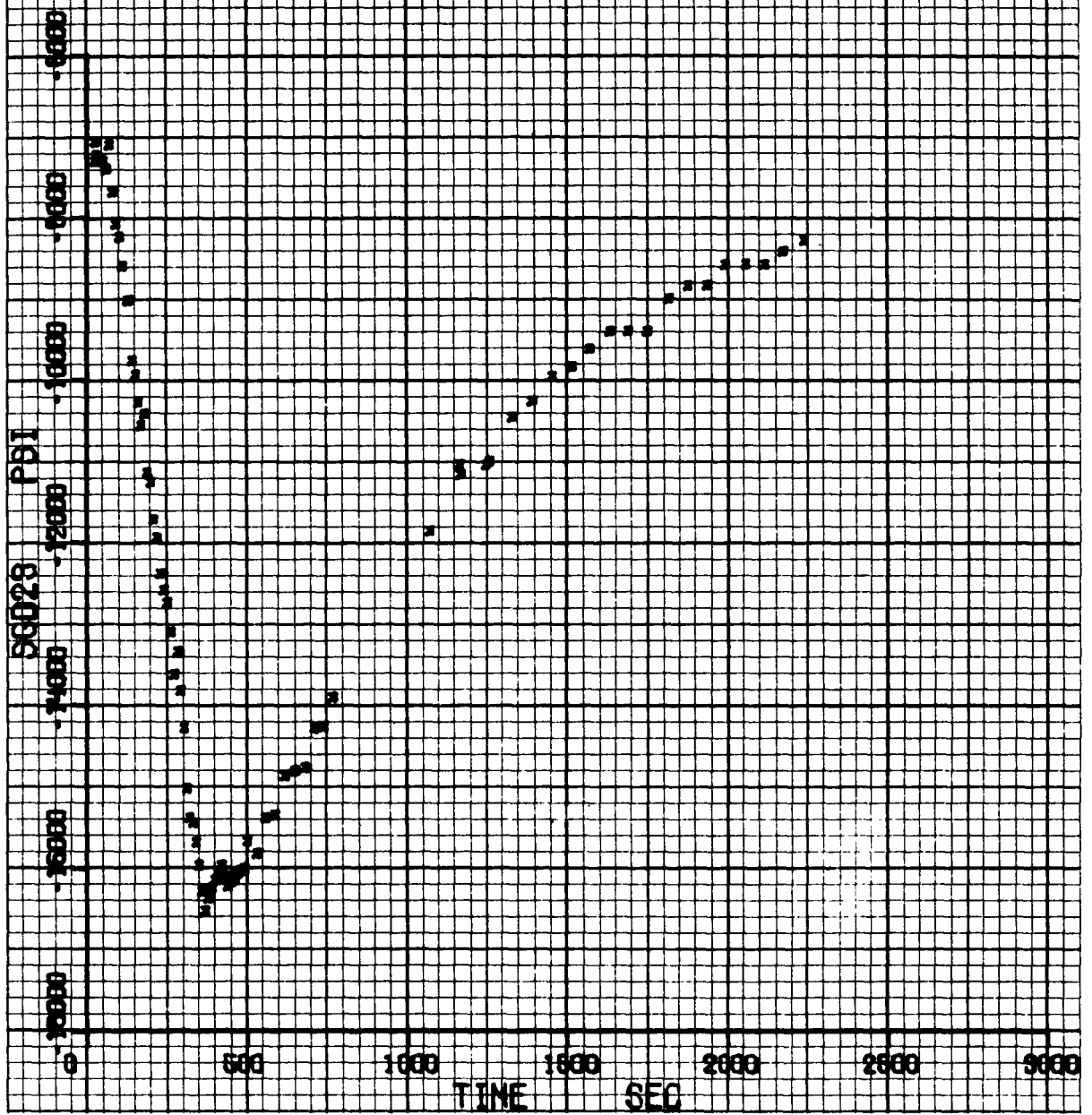
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TEST 021 9/15

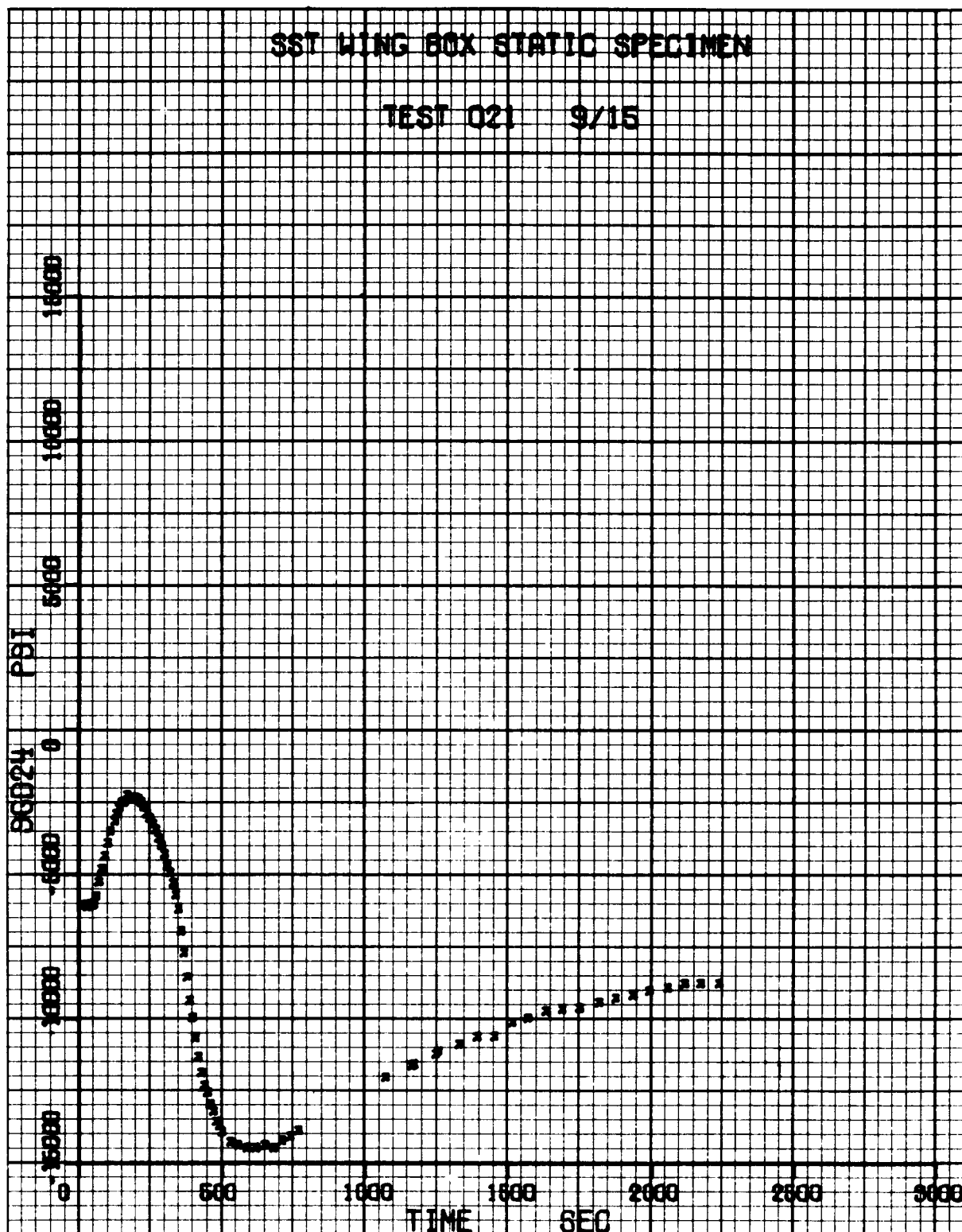


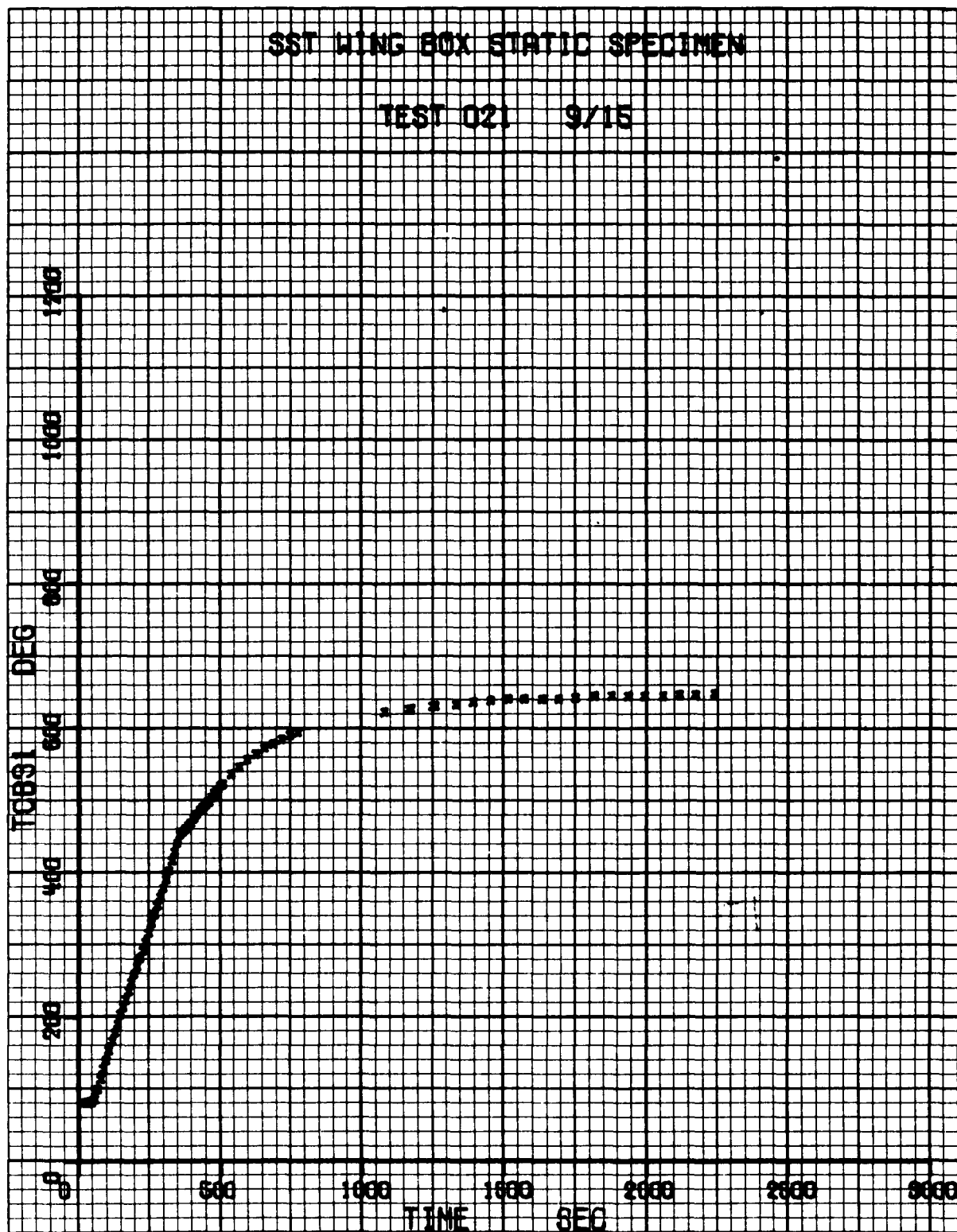
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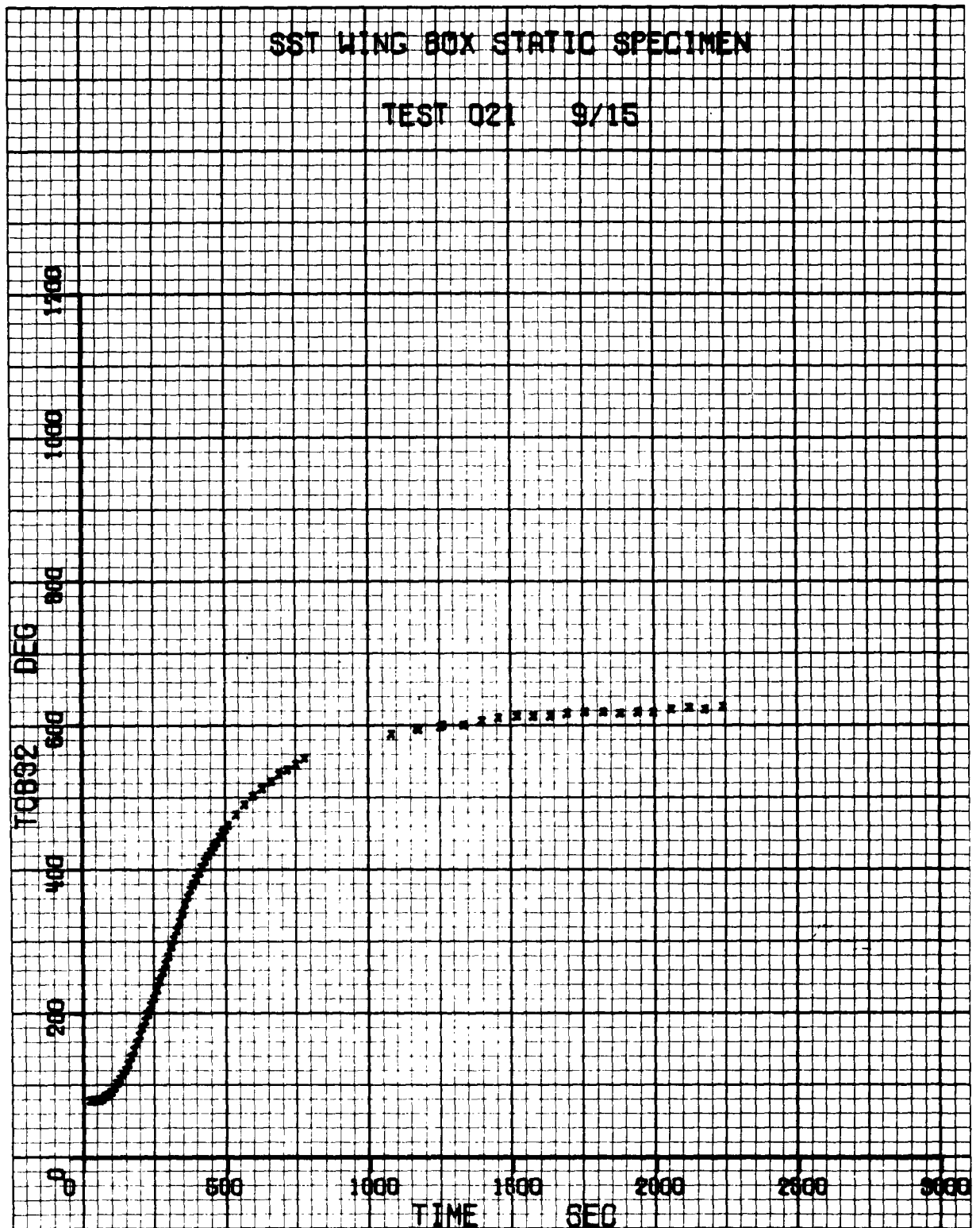
TEST 021 9/15





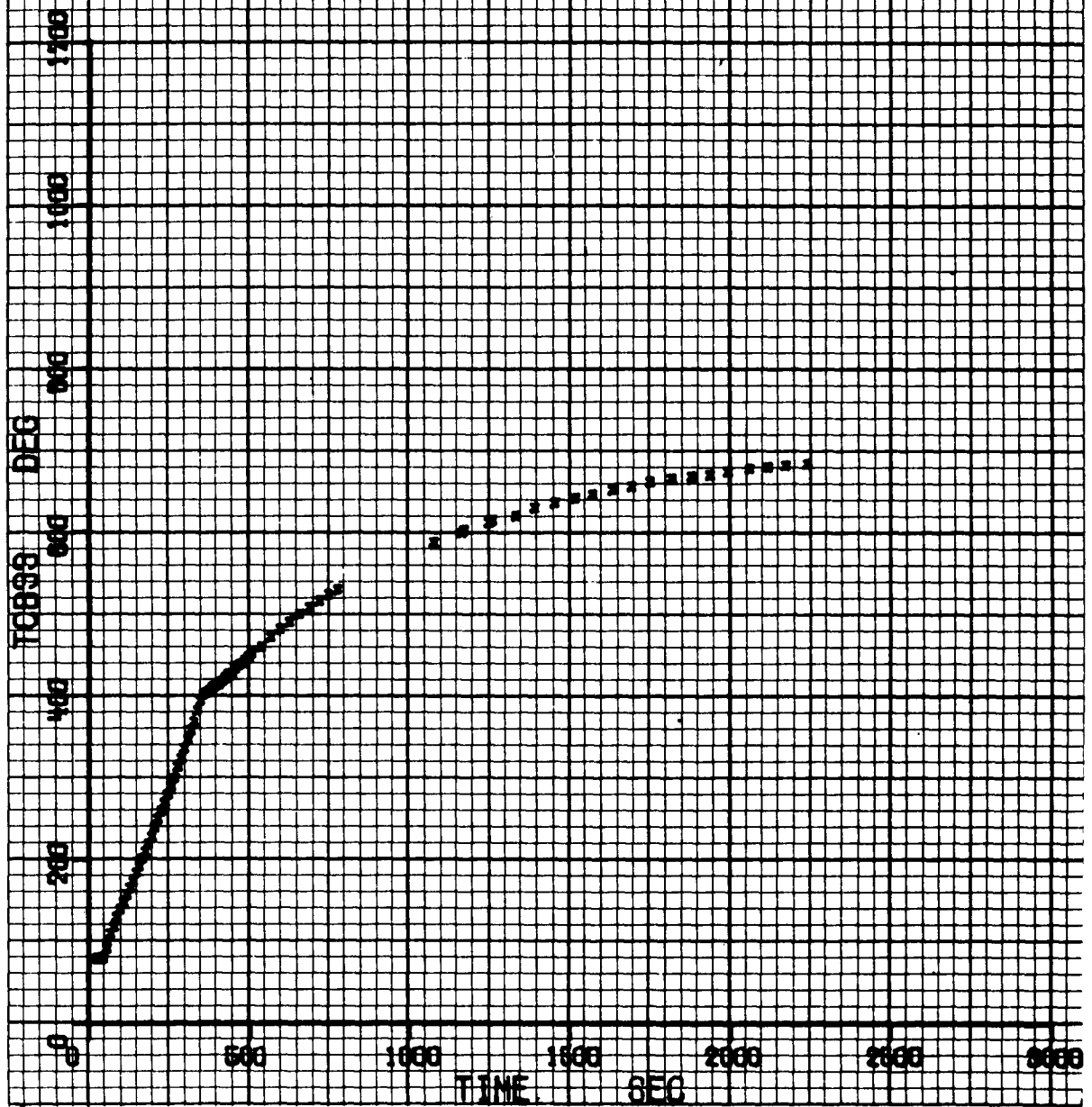






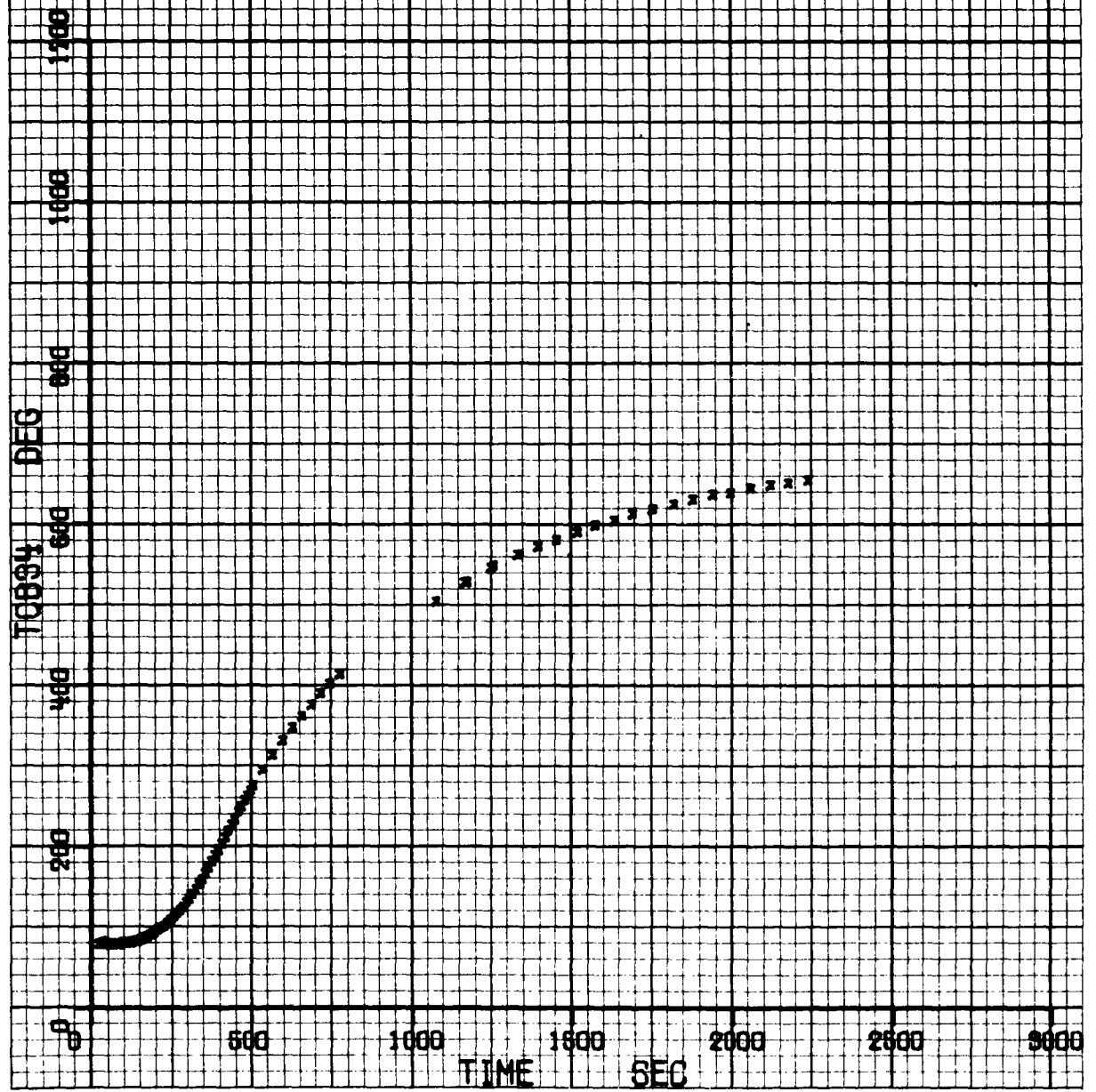
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TEST 021 9/15



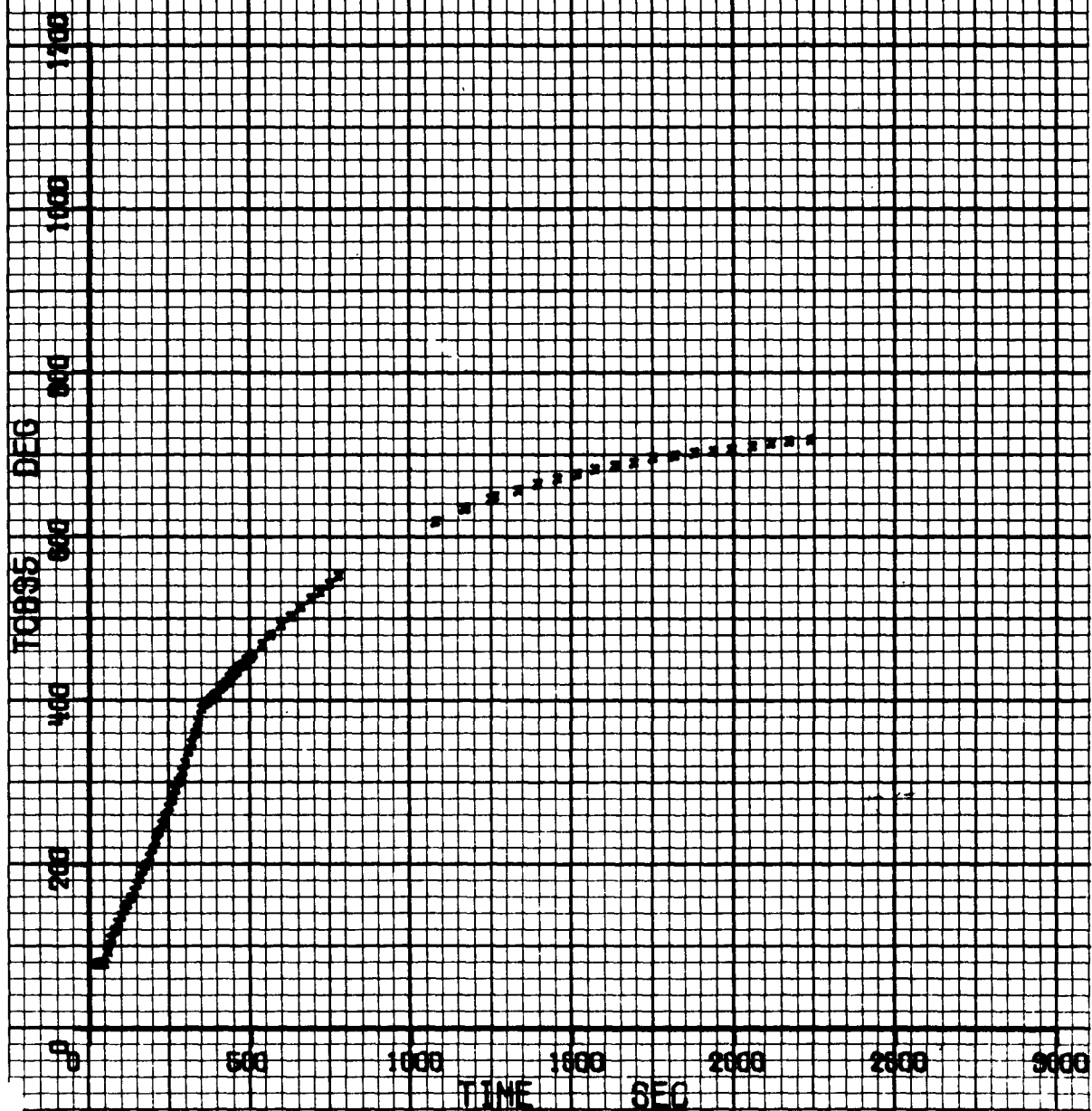
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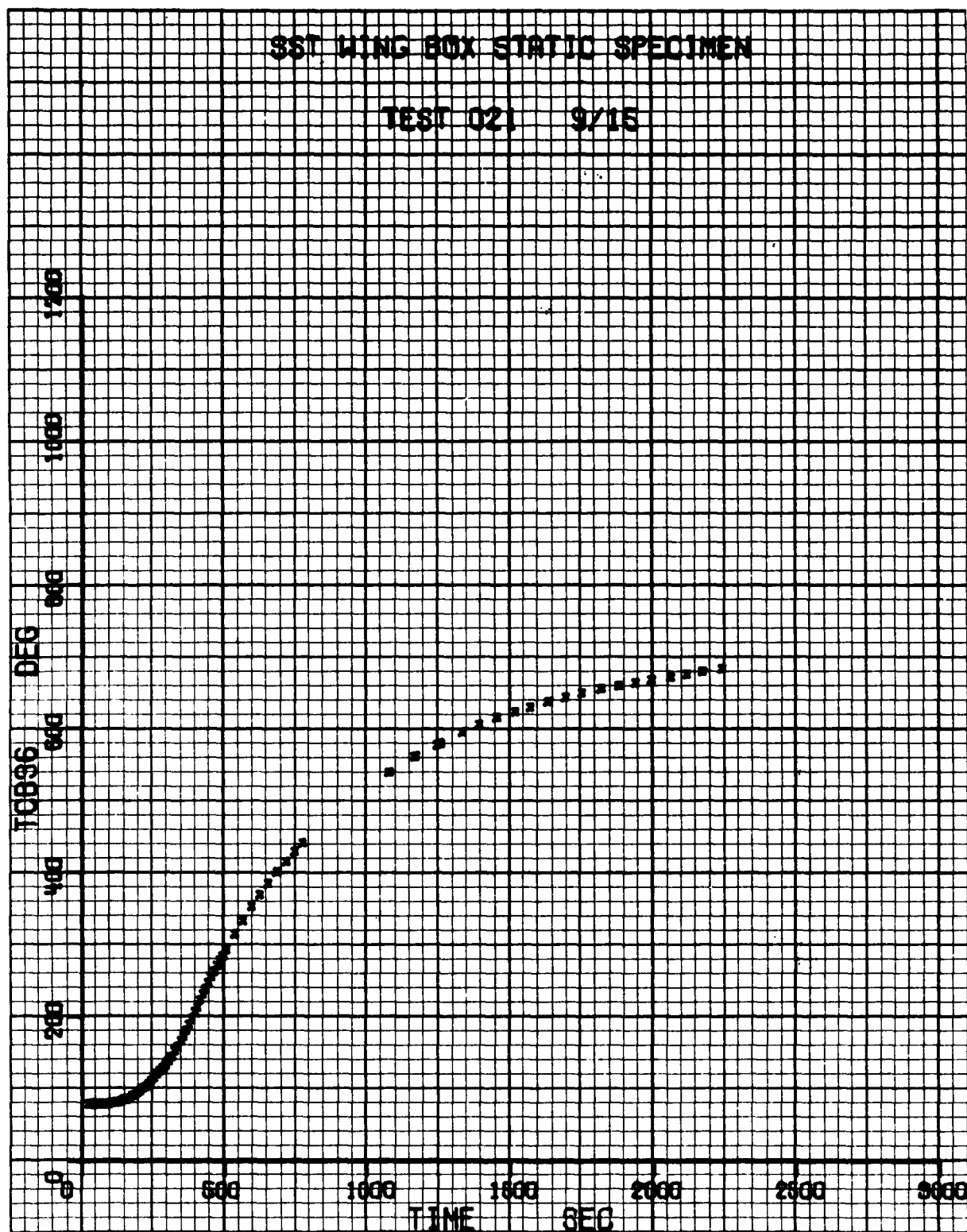
TEST 021 9/15



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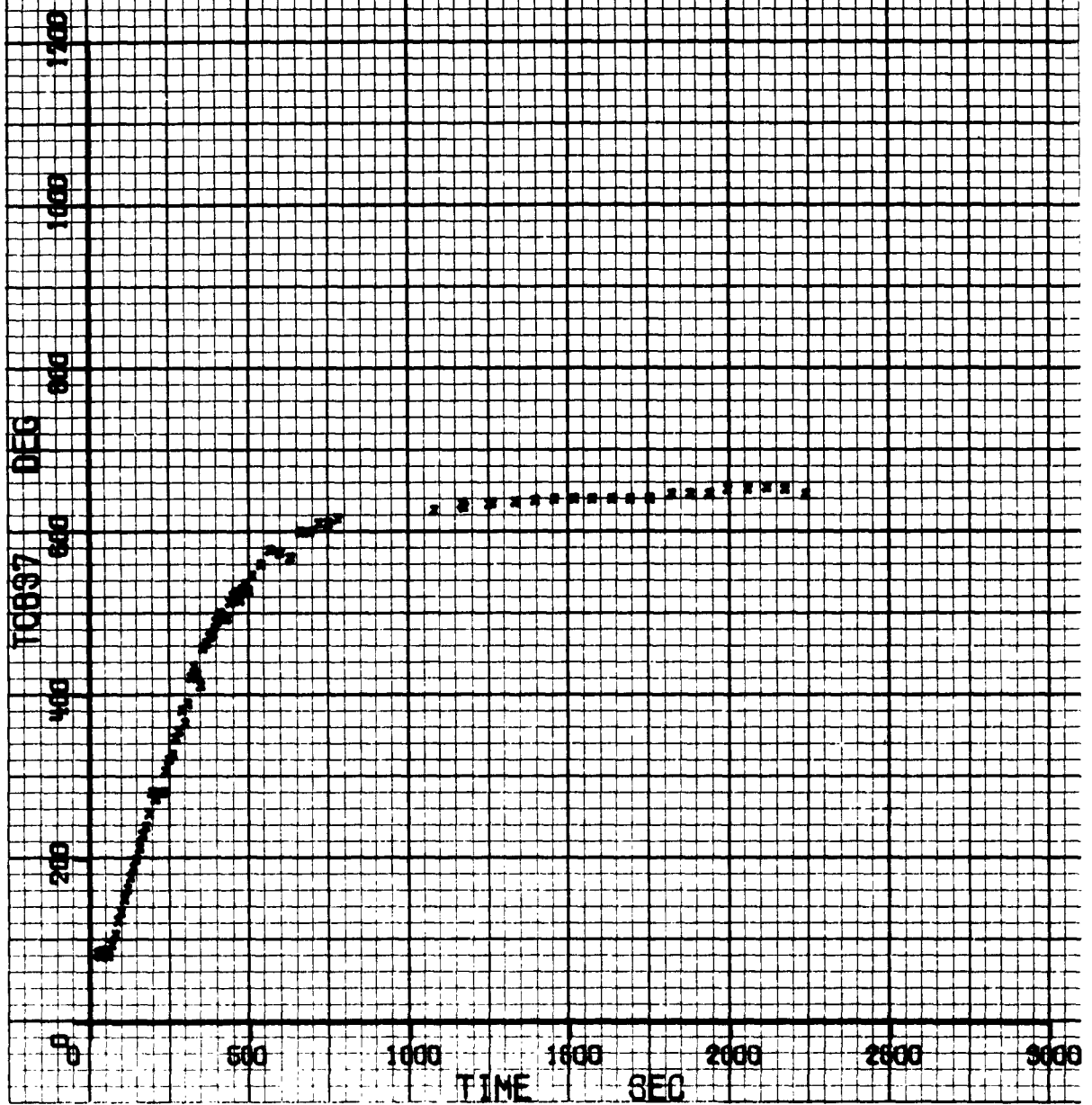
TEST 021 9/15



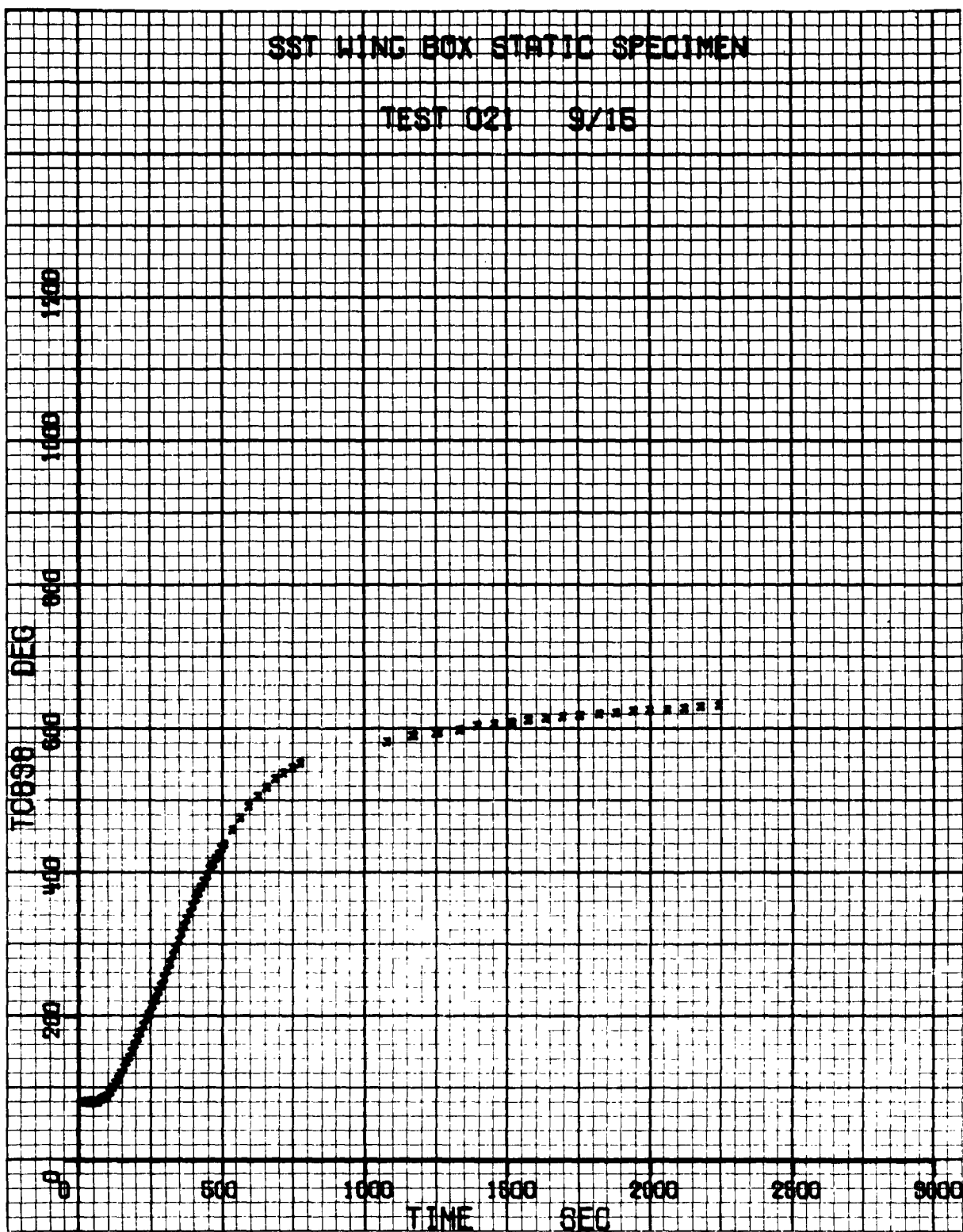


# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

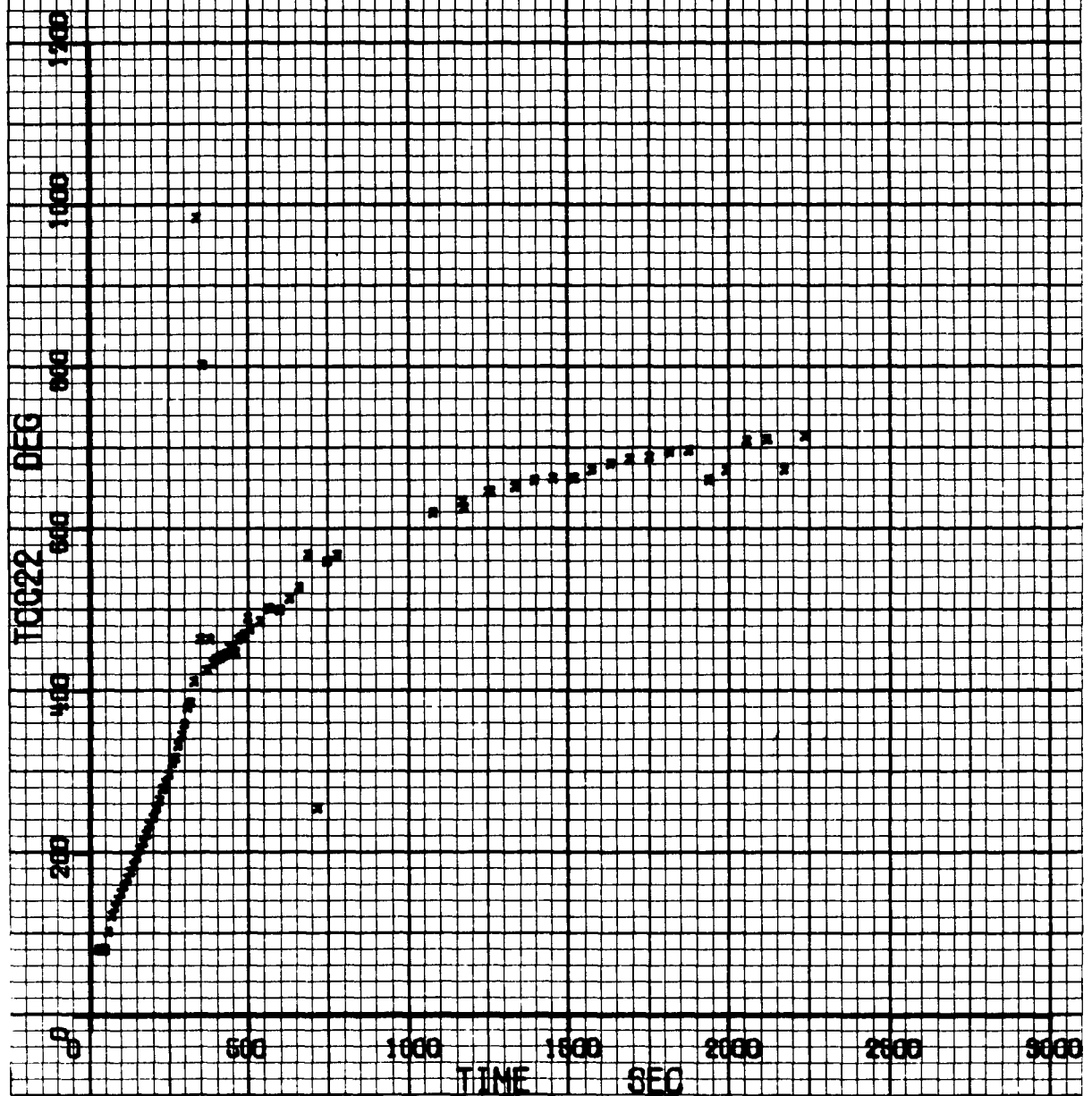






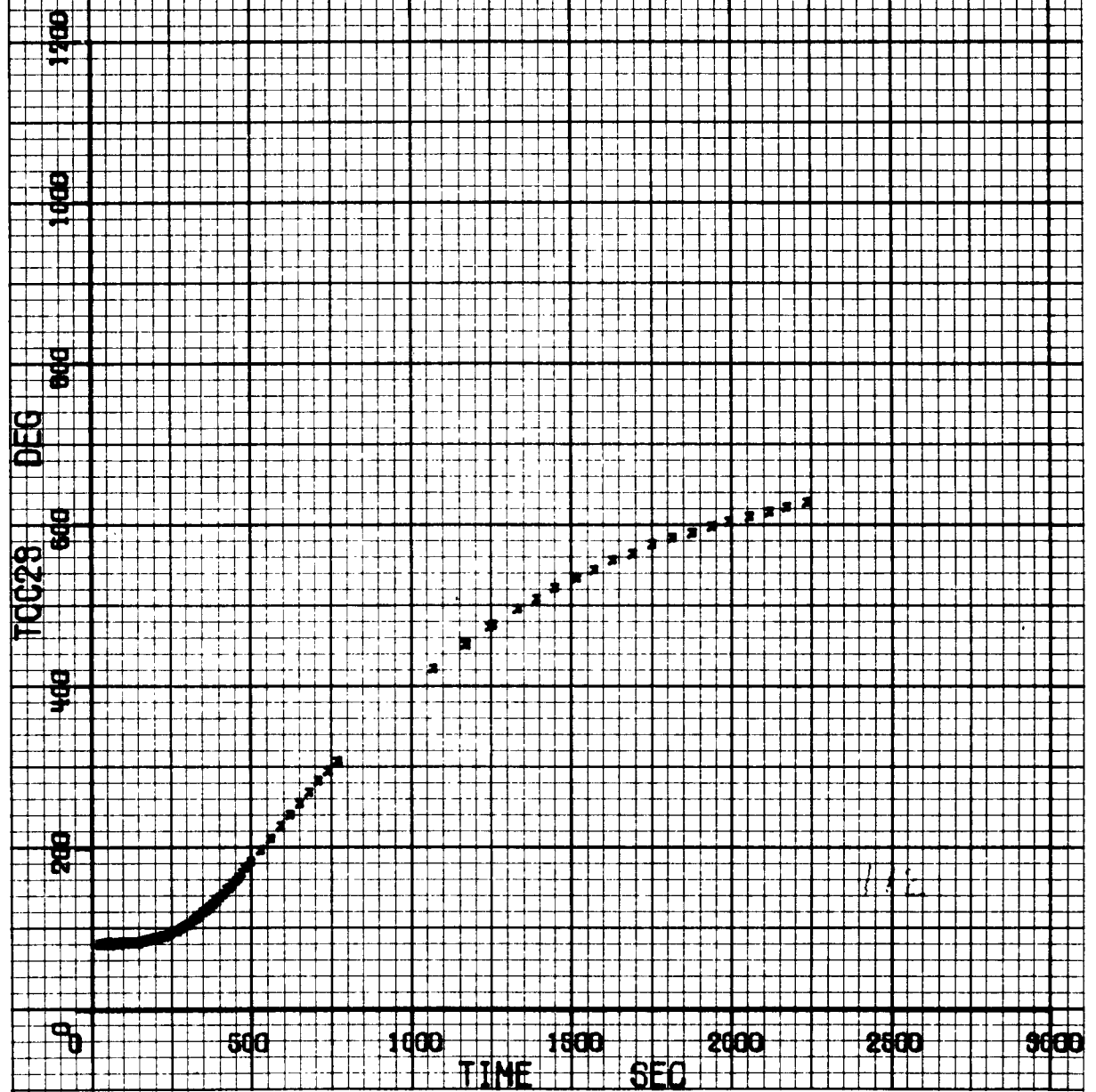
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TEST 021 9/15



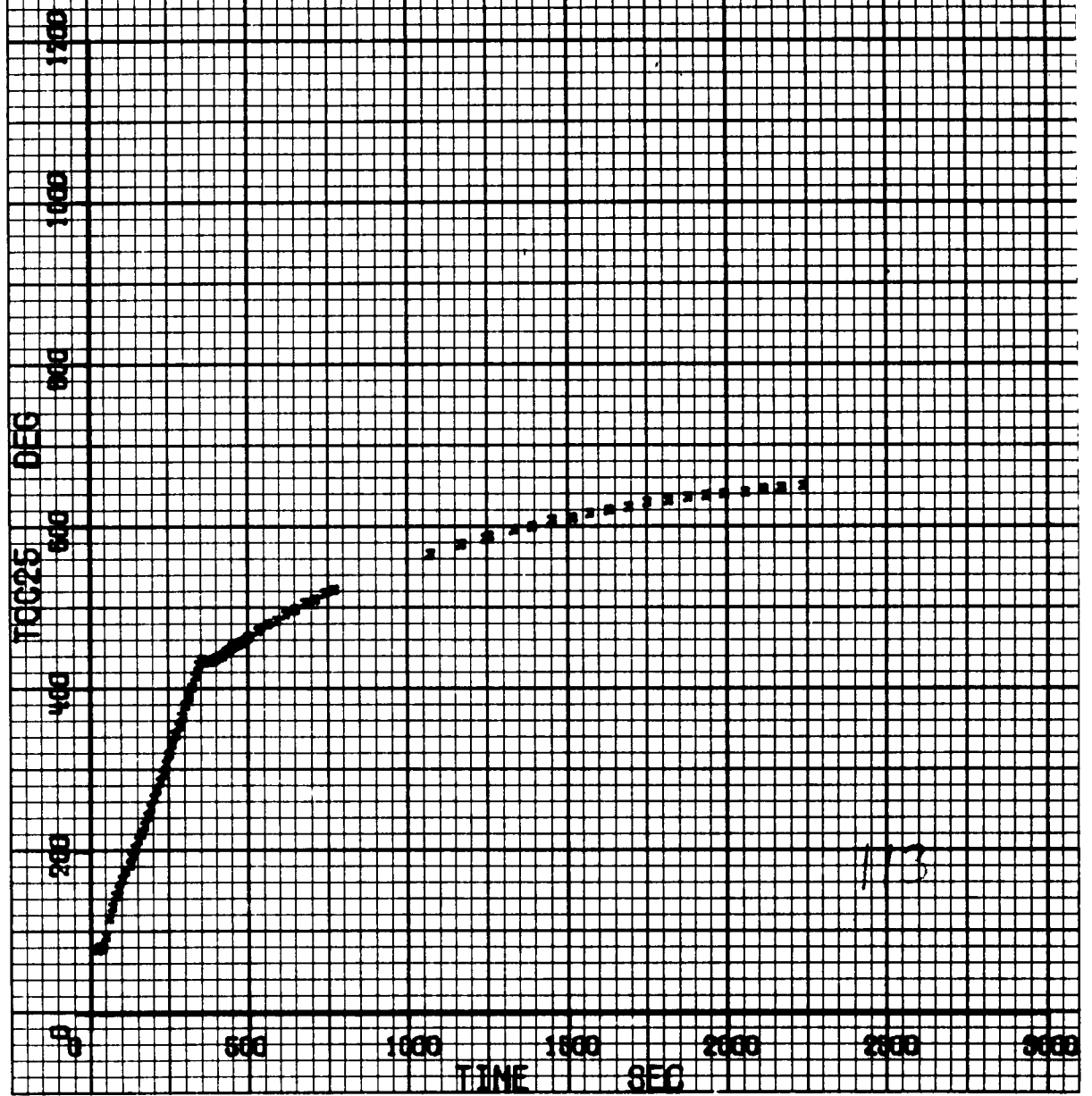
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TEST 021 9/15

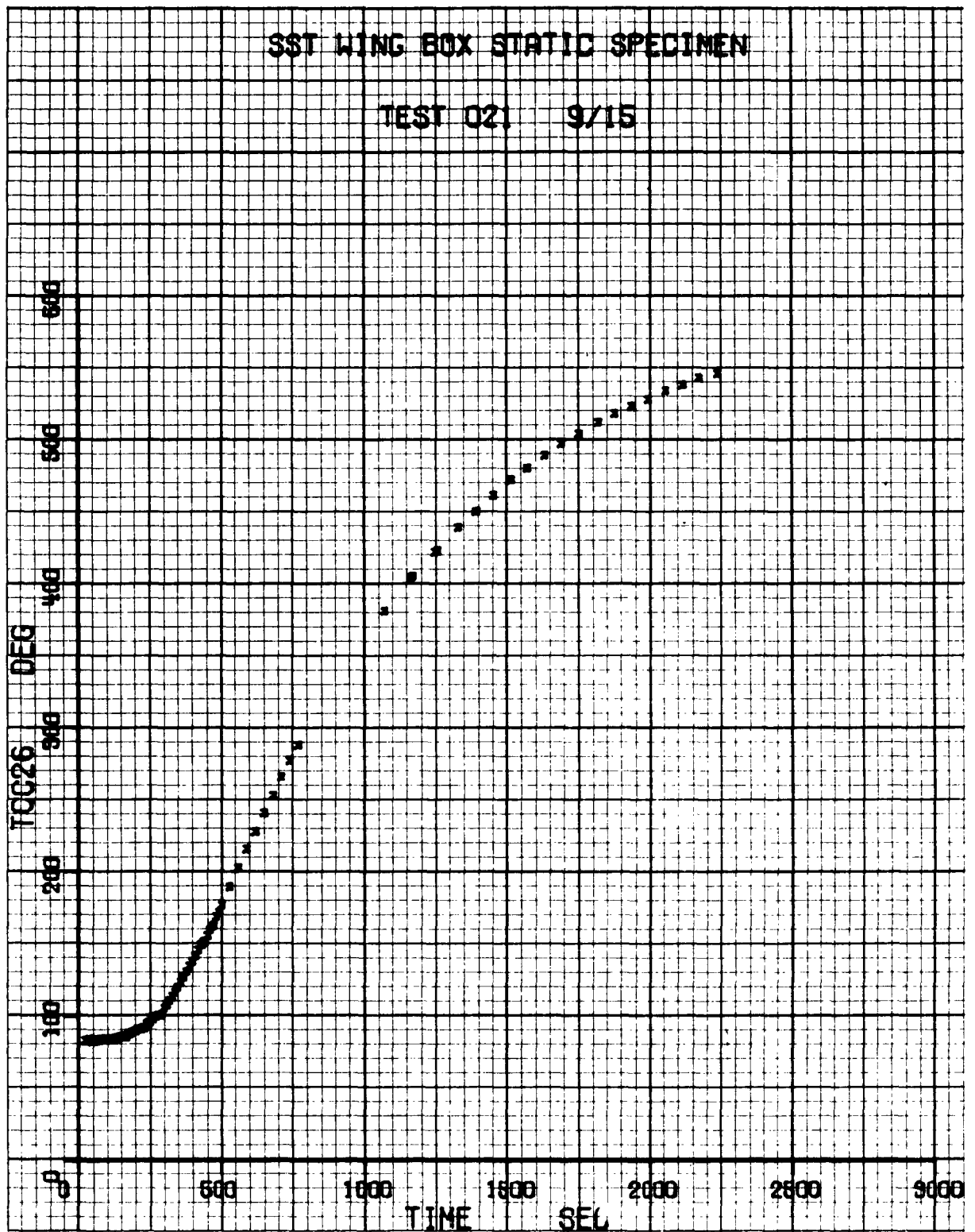


# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

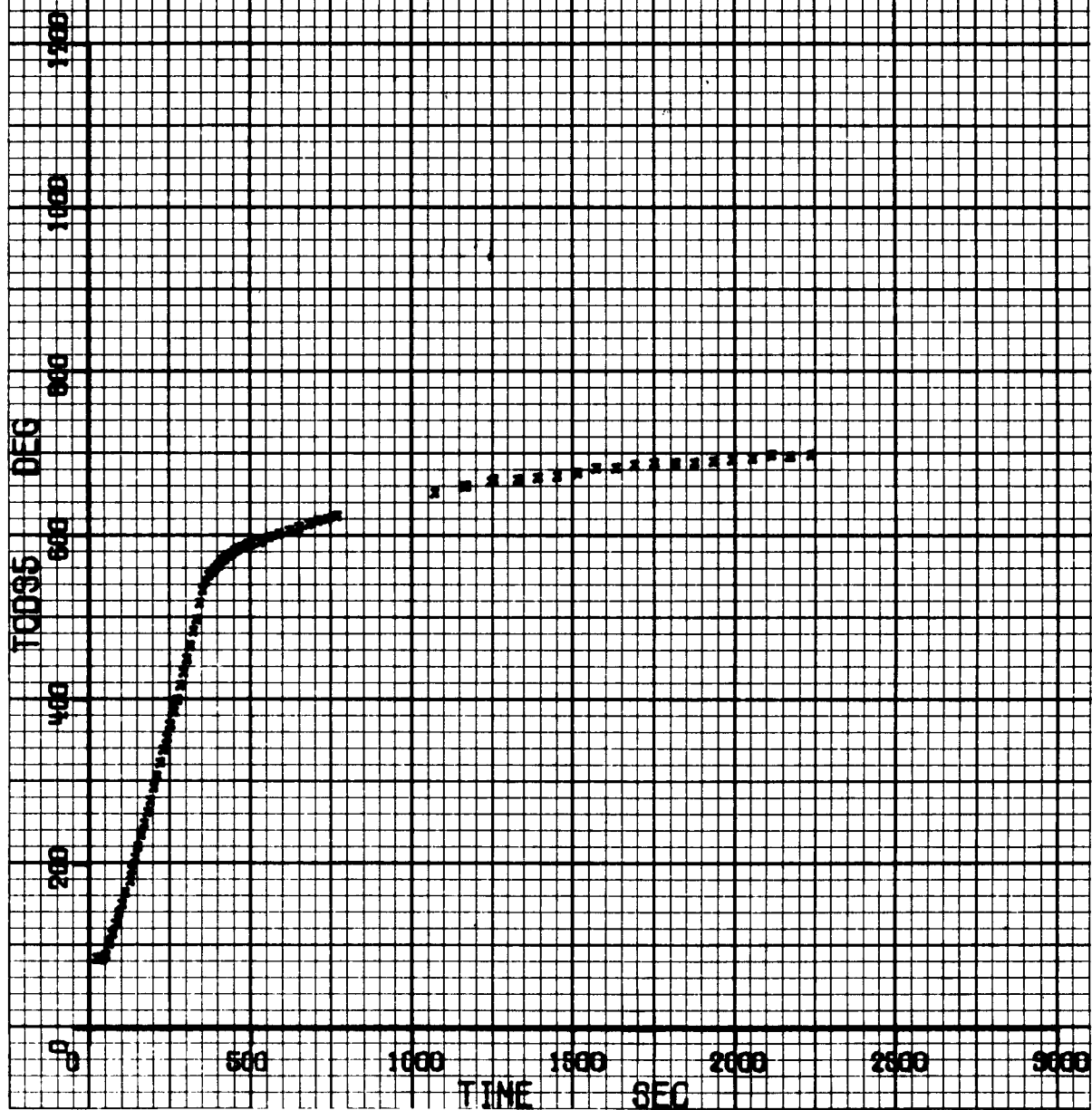


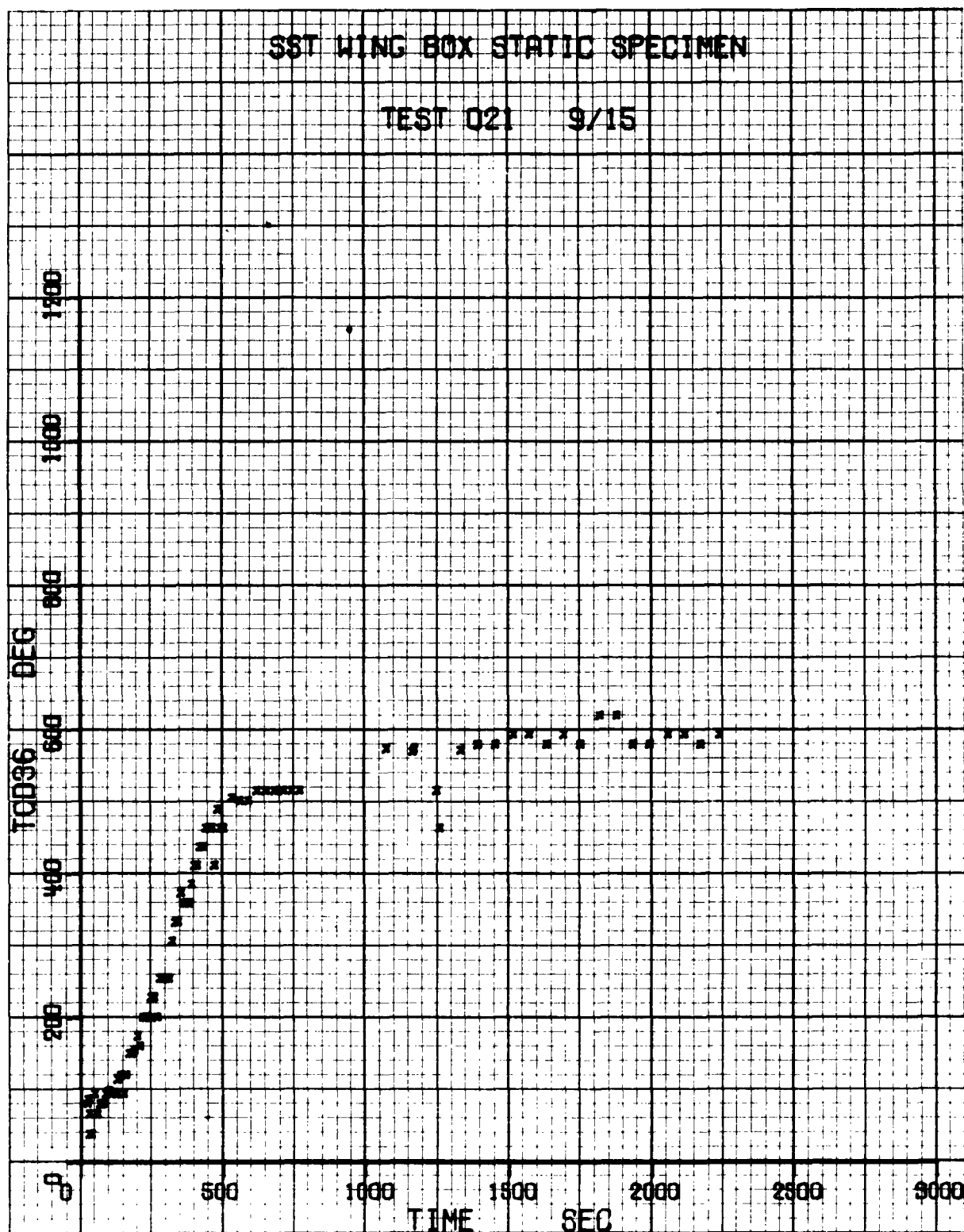
113



# SST WING BOX STATIC SPECIMEN

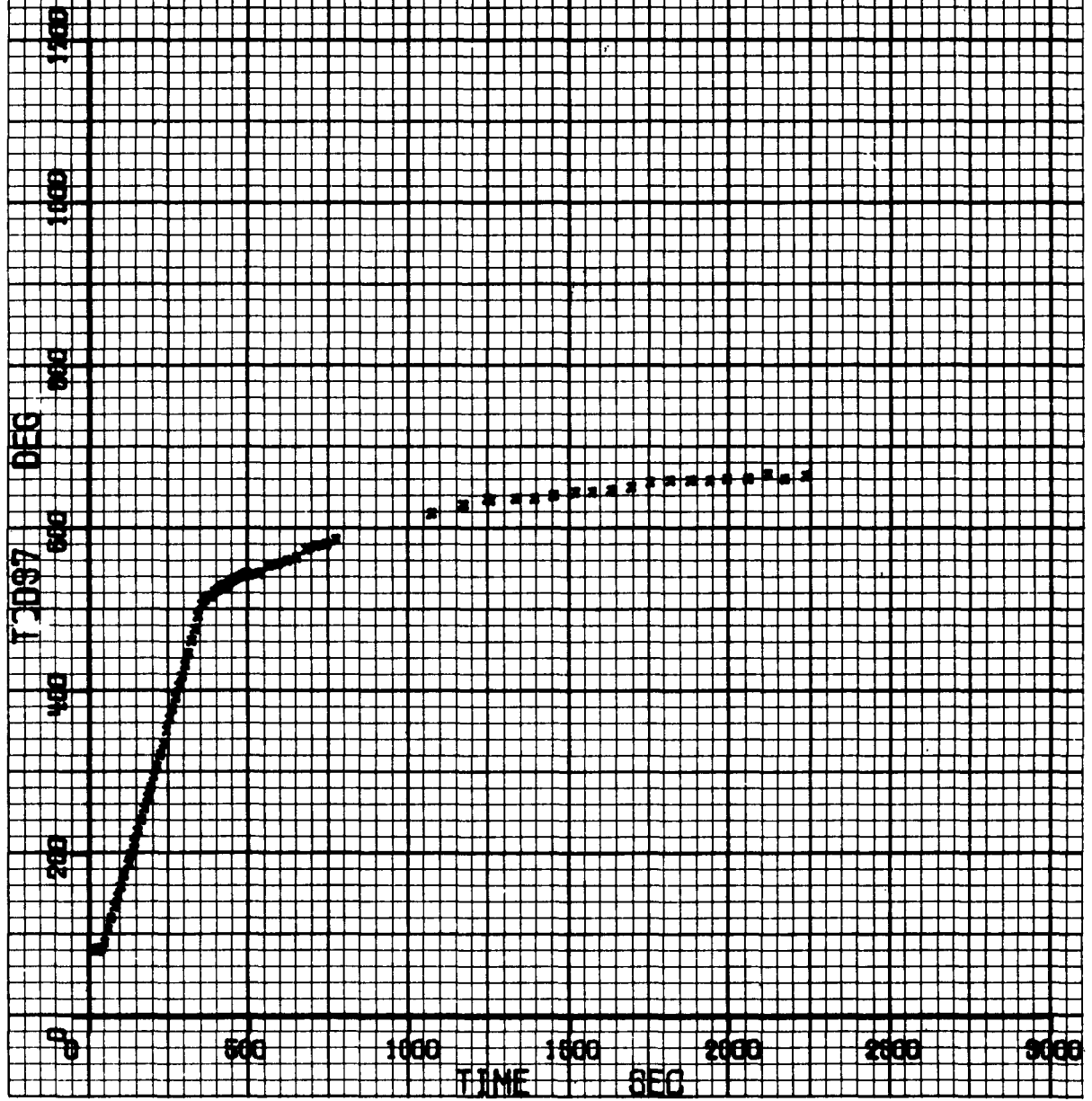
TEST 021 9/15





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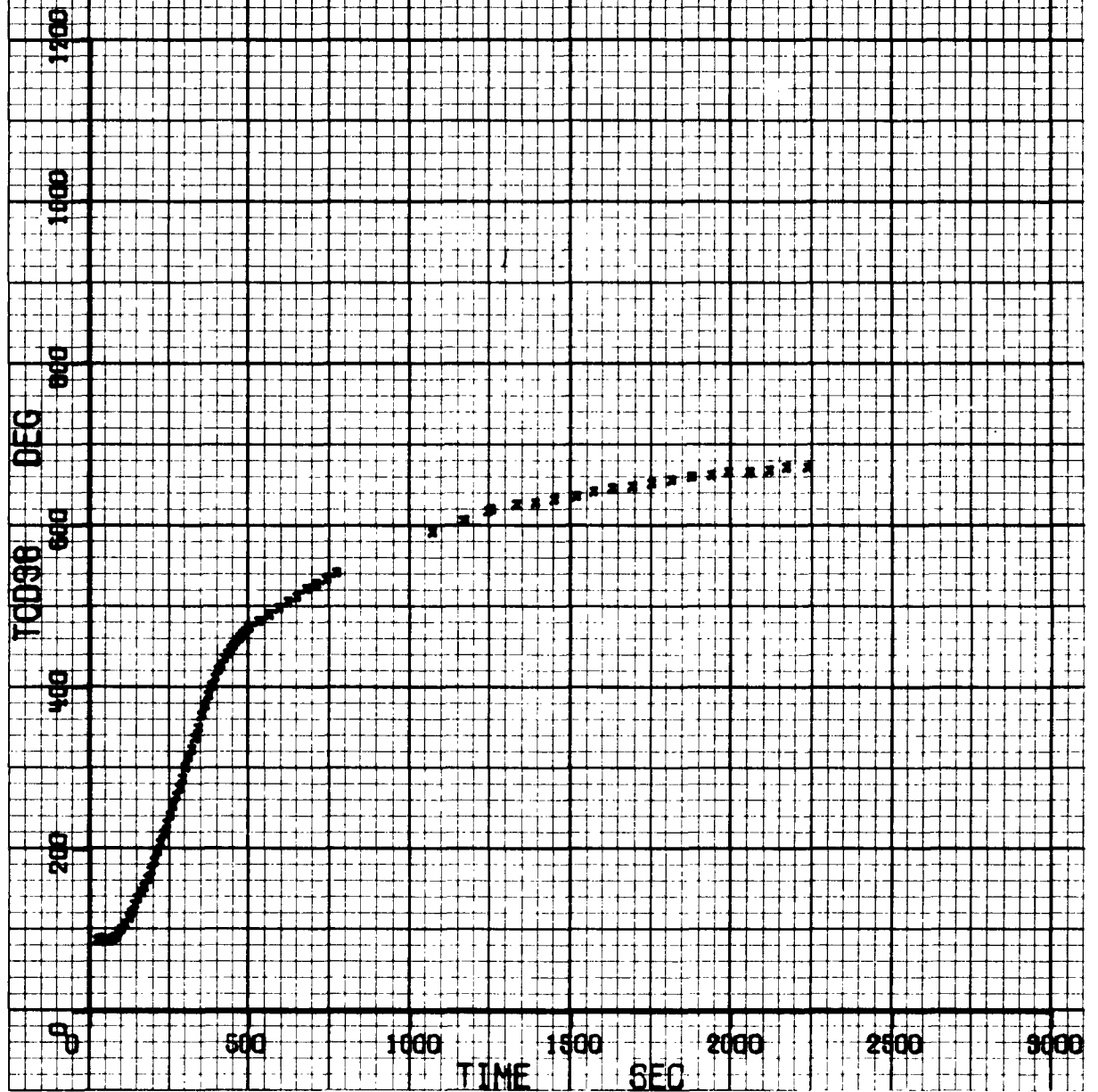
TEST 021 9/15





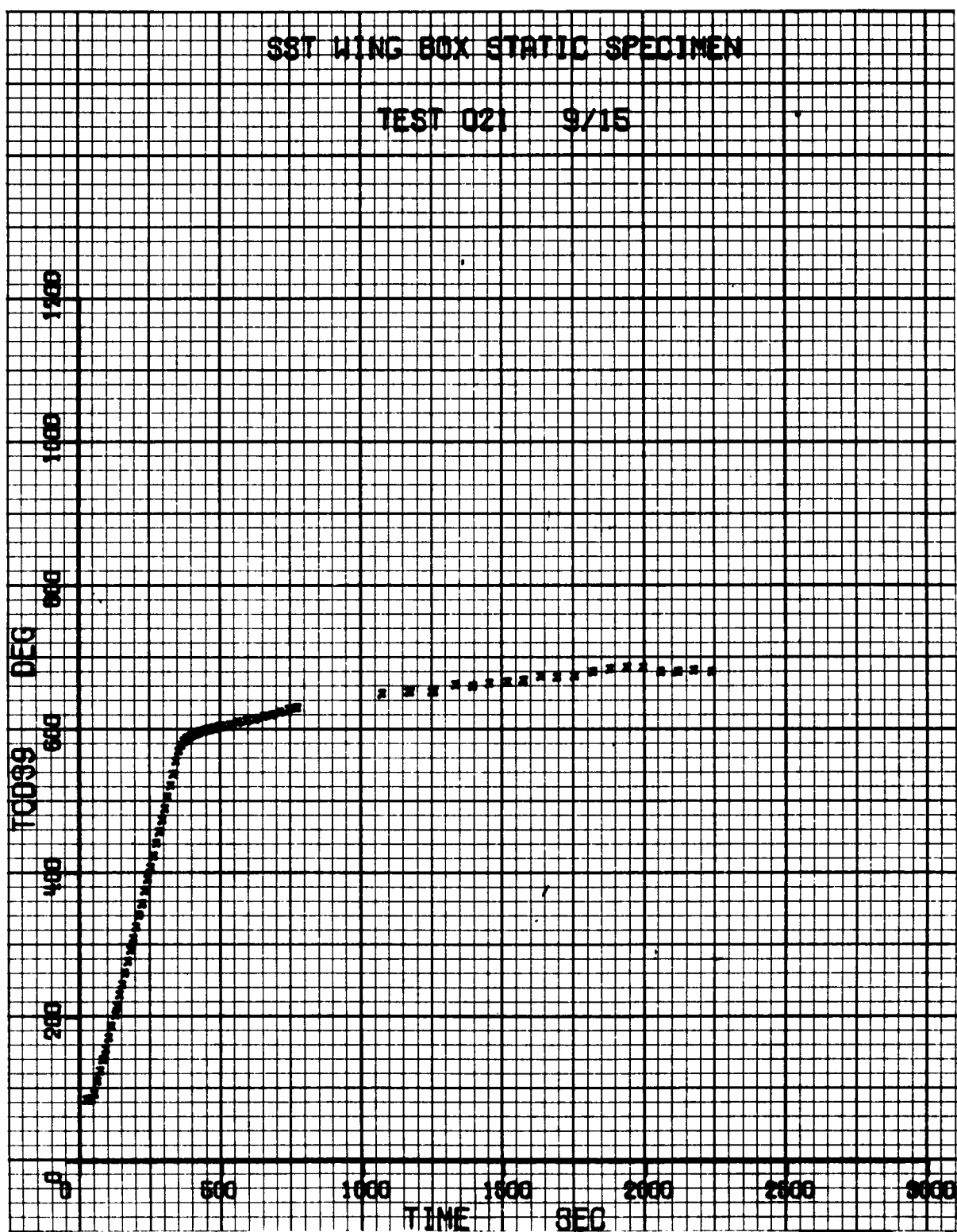
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



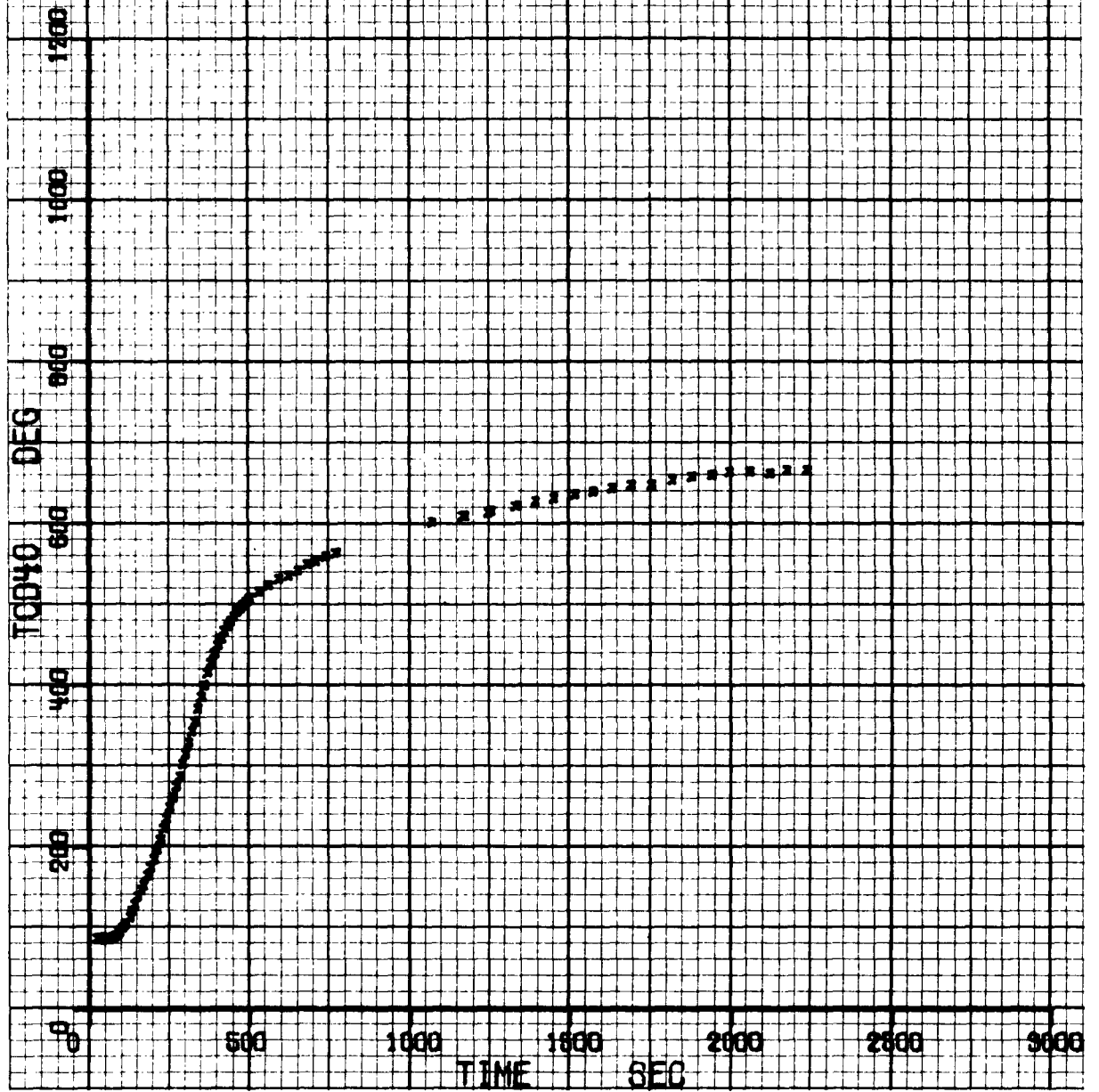
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



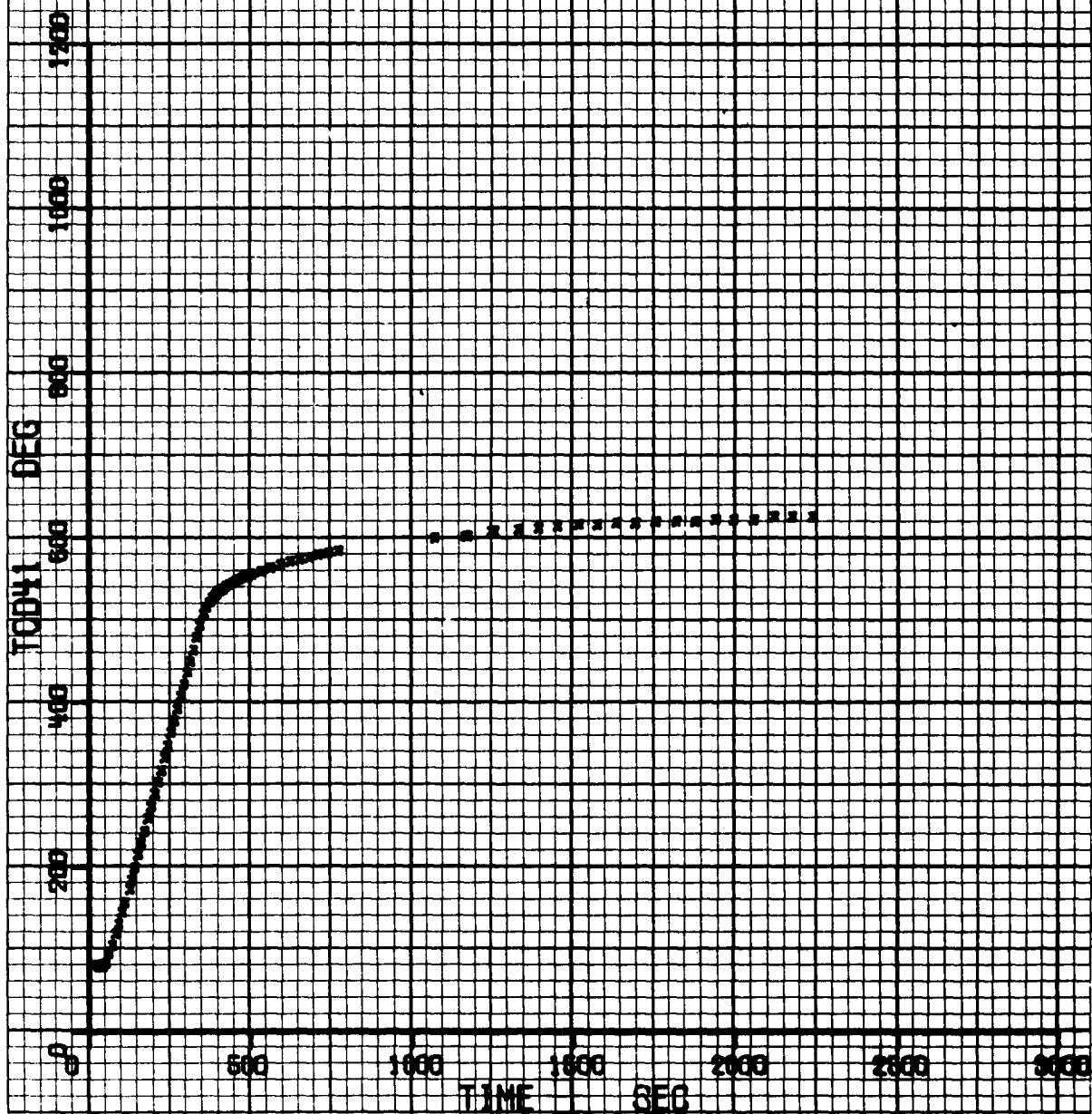
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



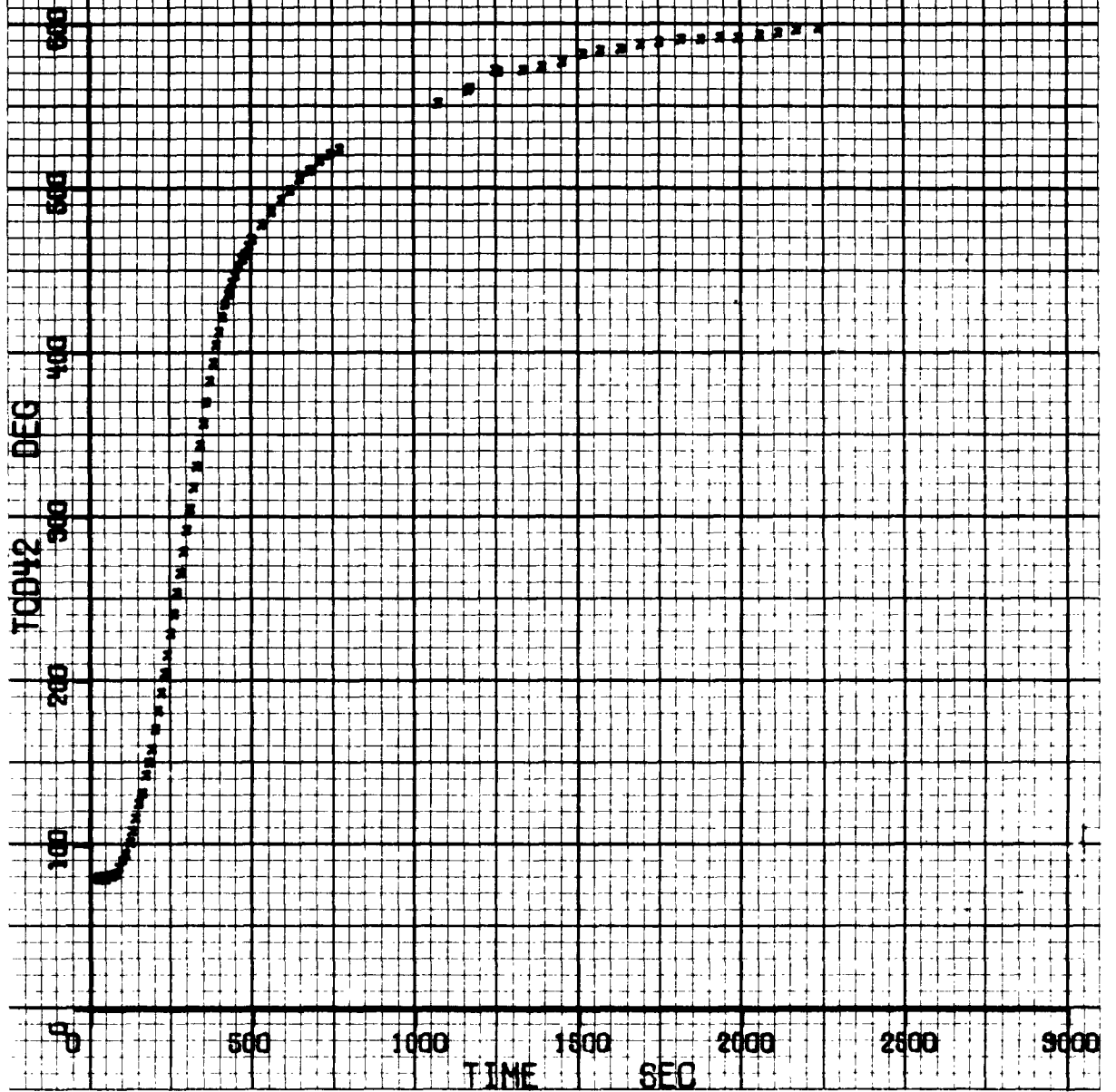
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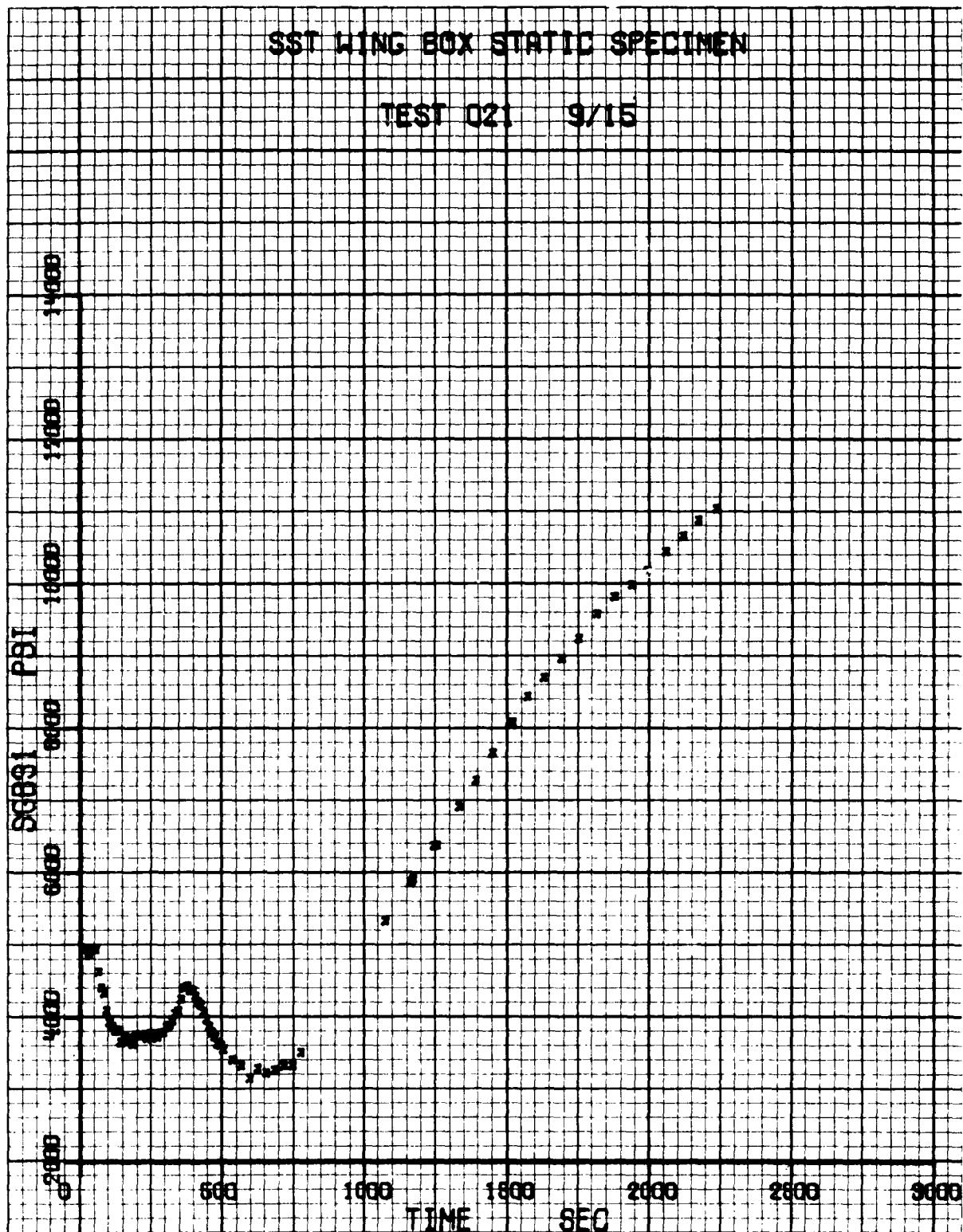
TEST 021 9/15



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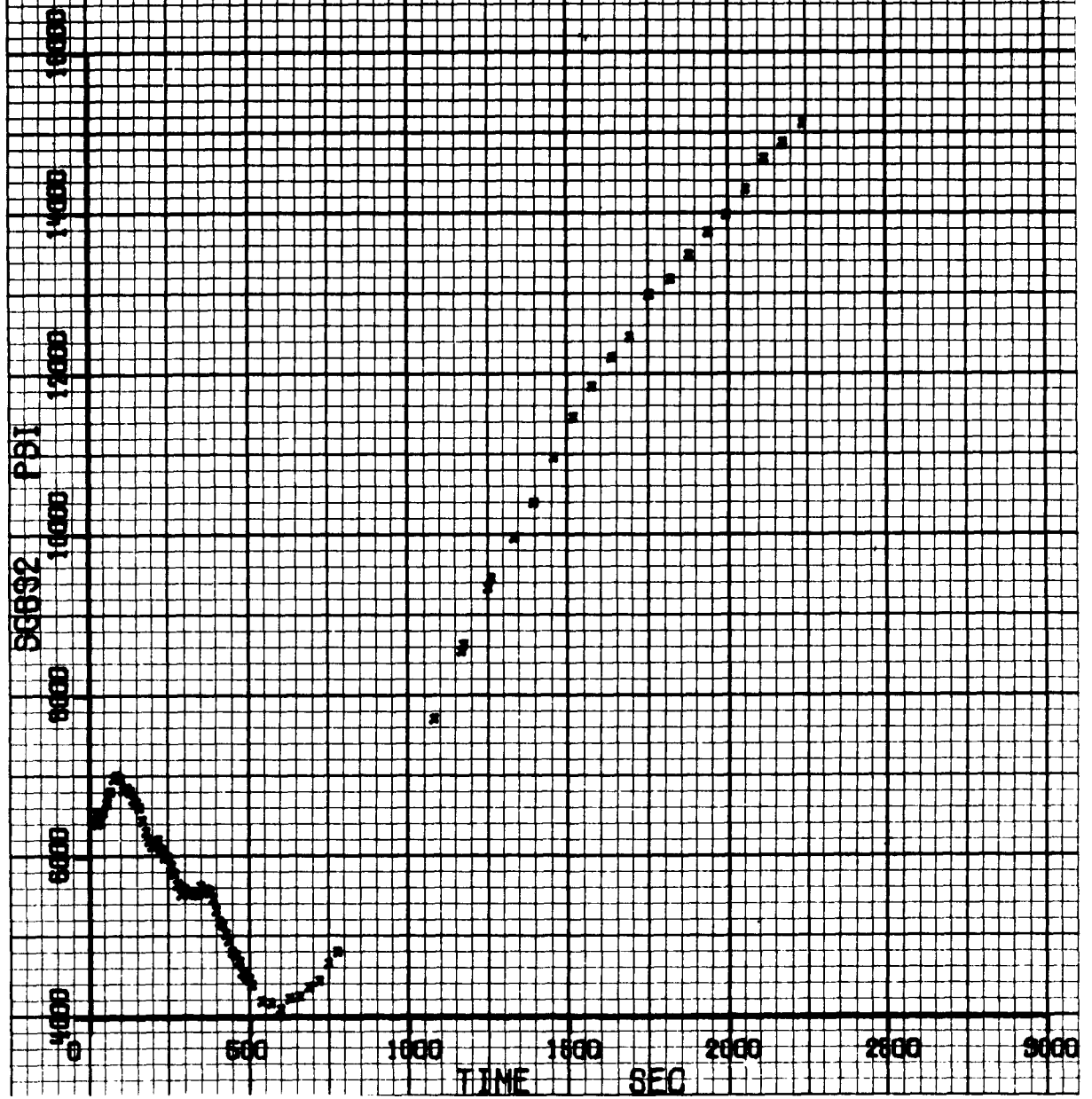
TEST 021 9/15





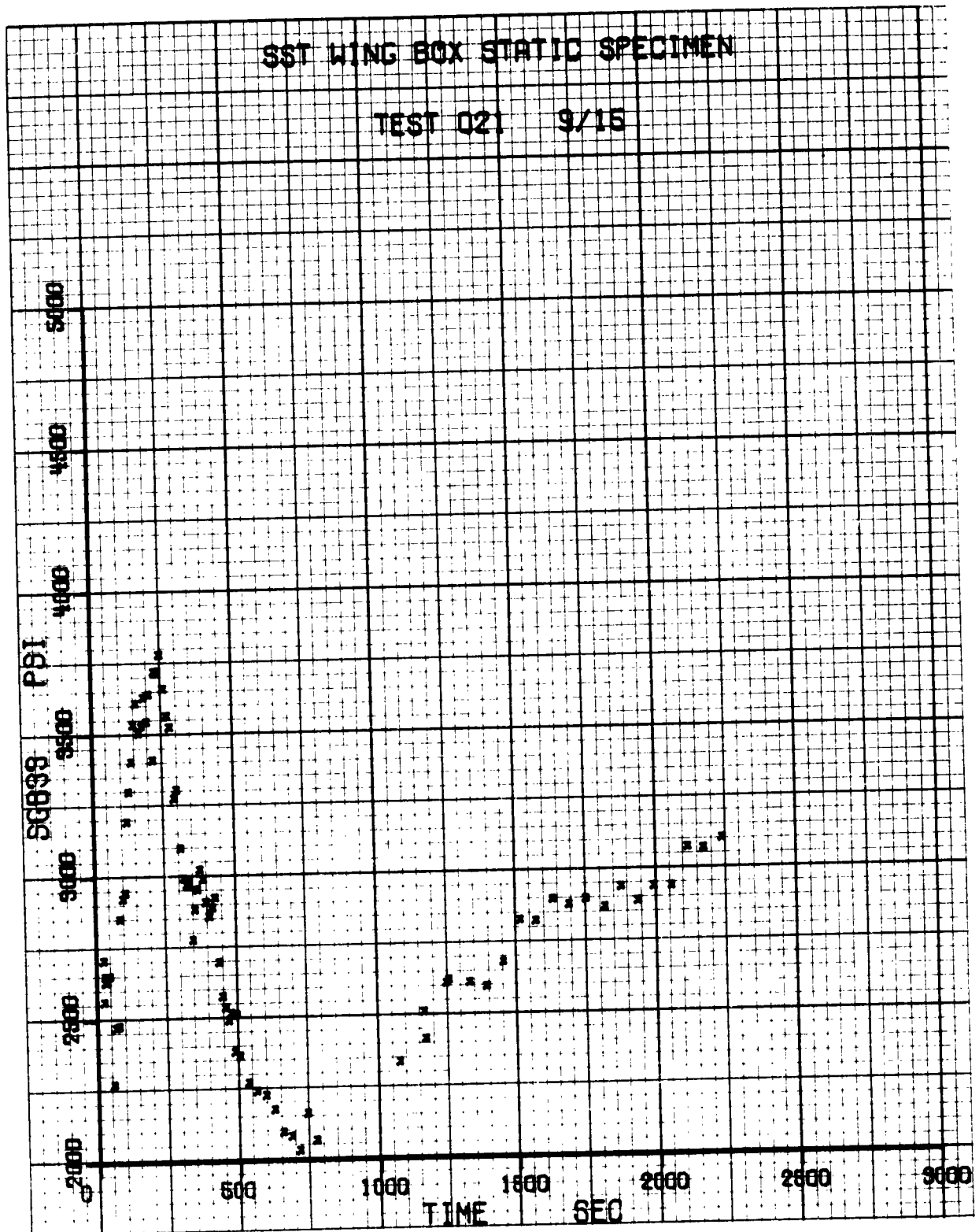
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

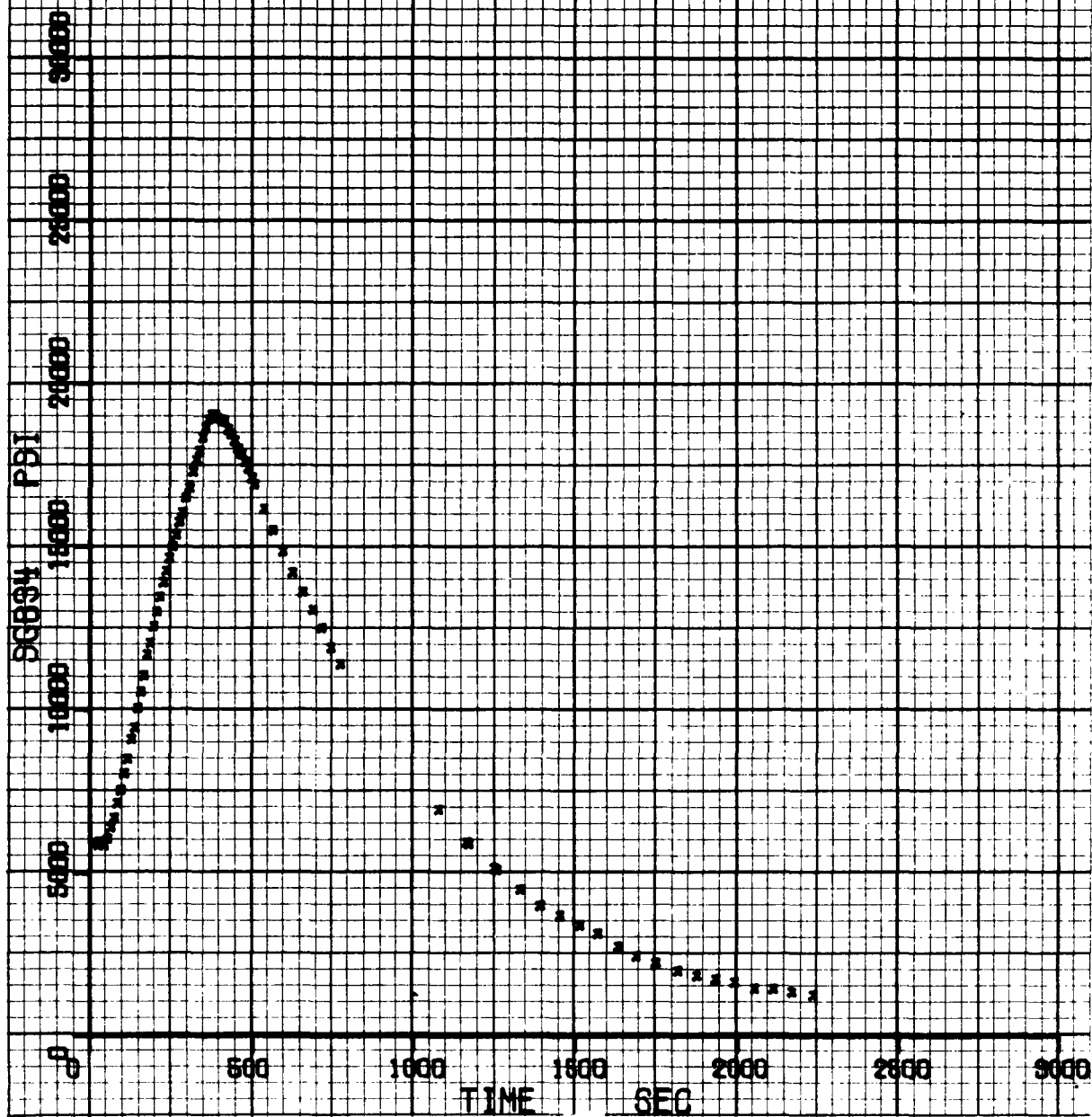
TEST 021 9/15





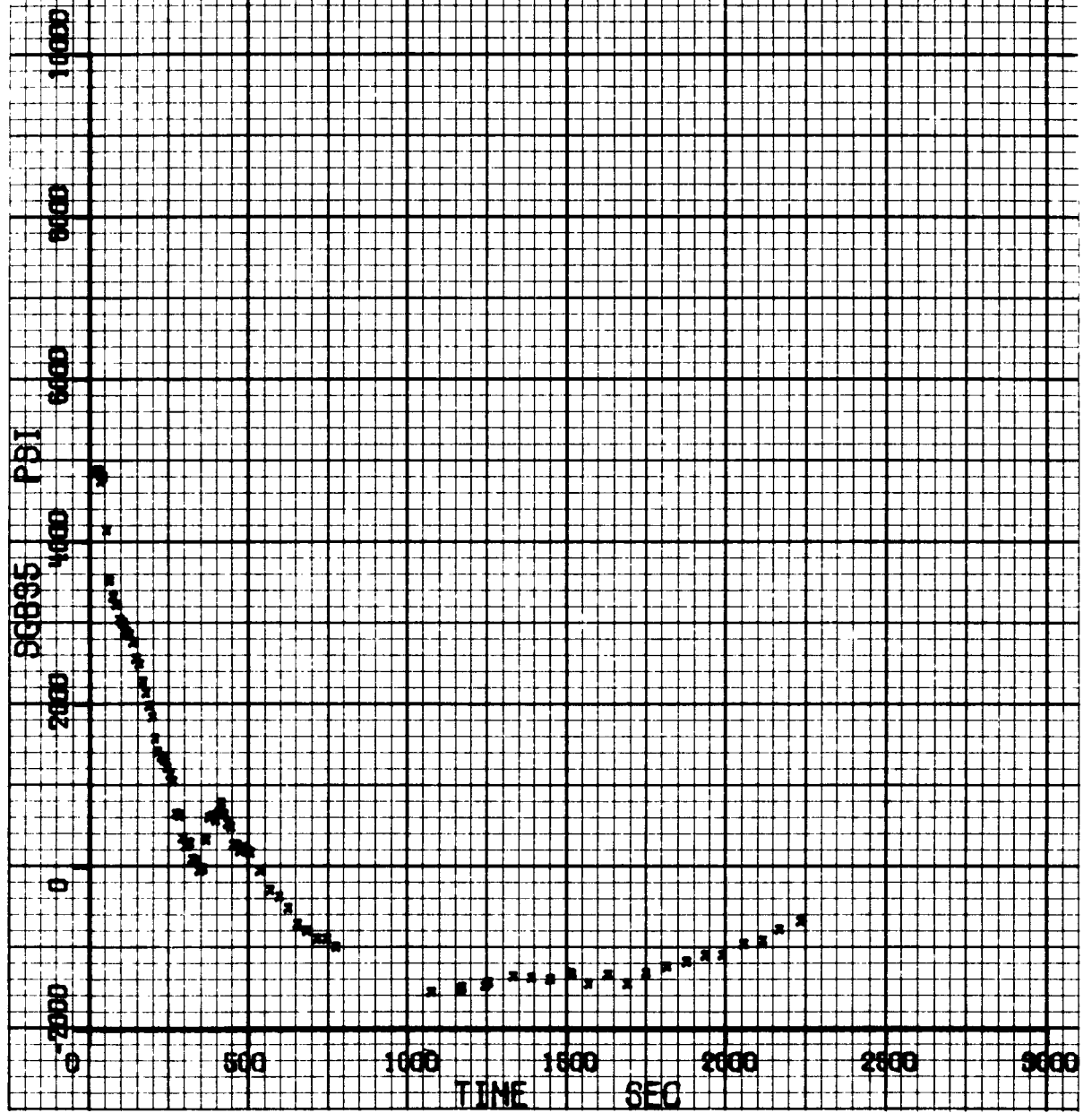
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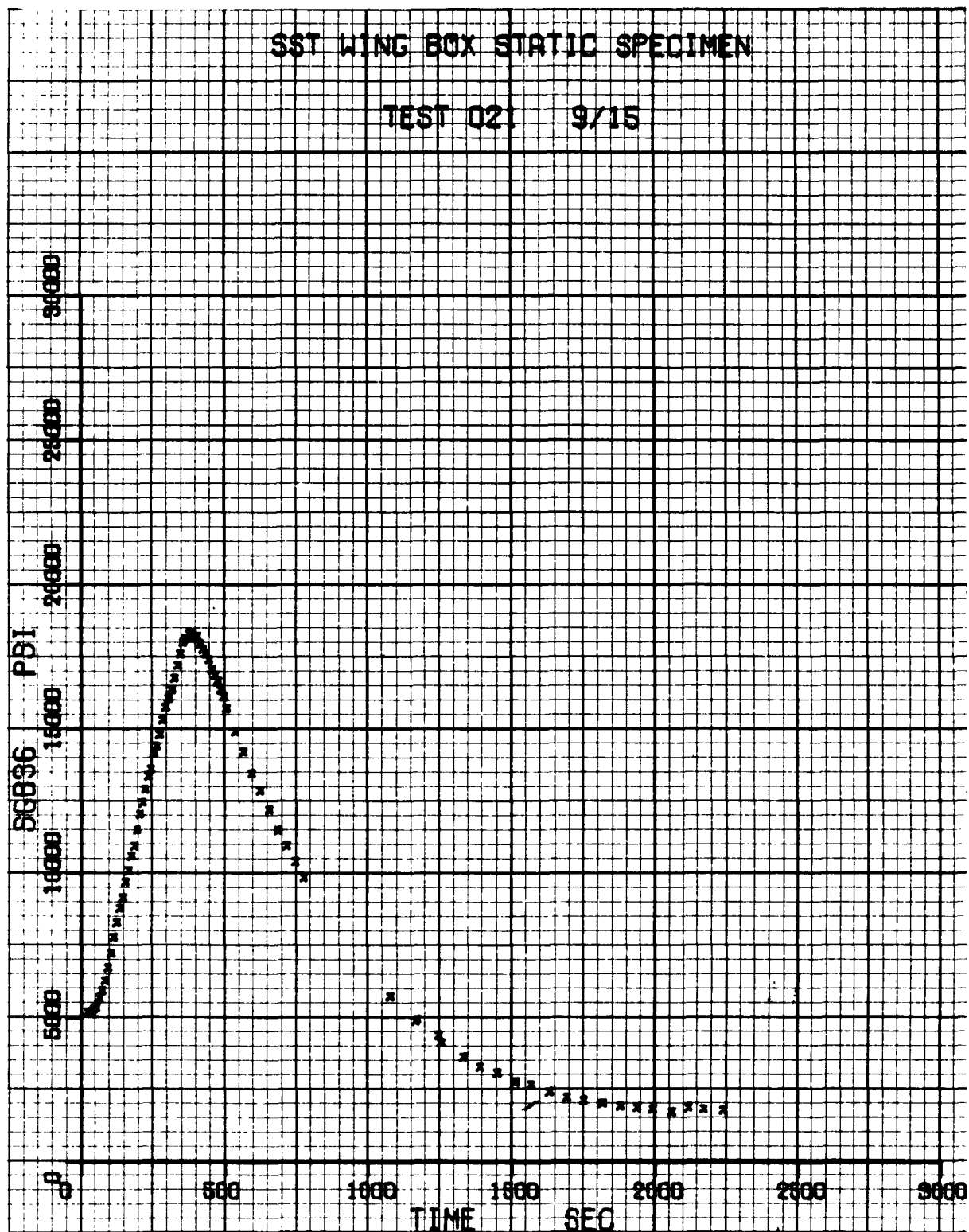
TEST 021 9/15



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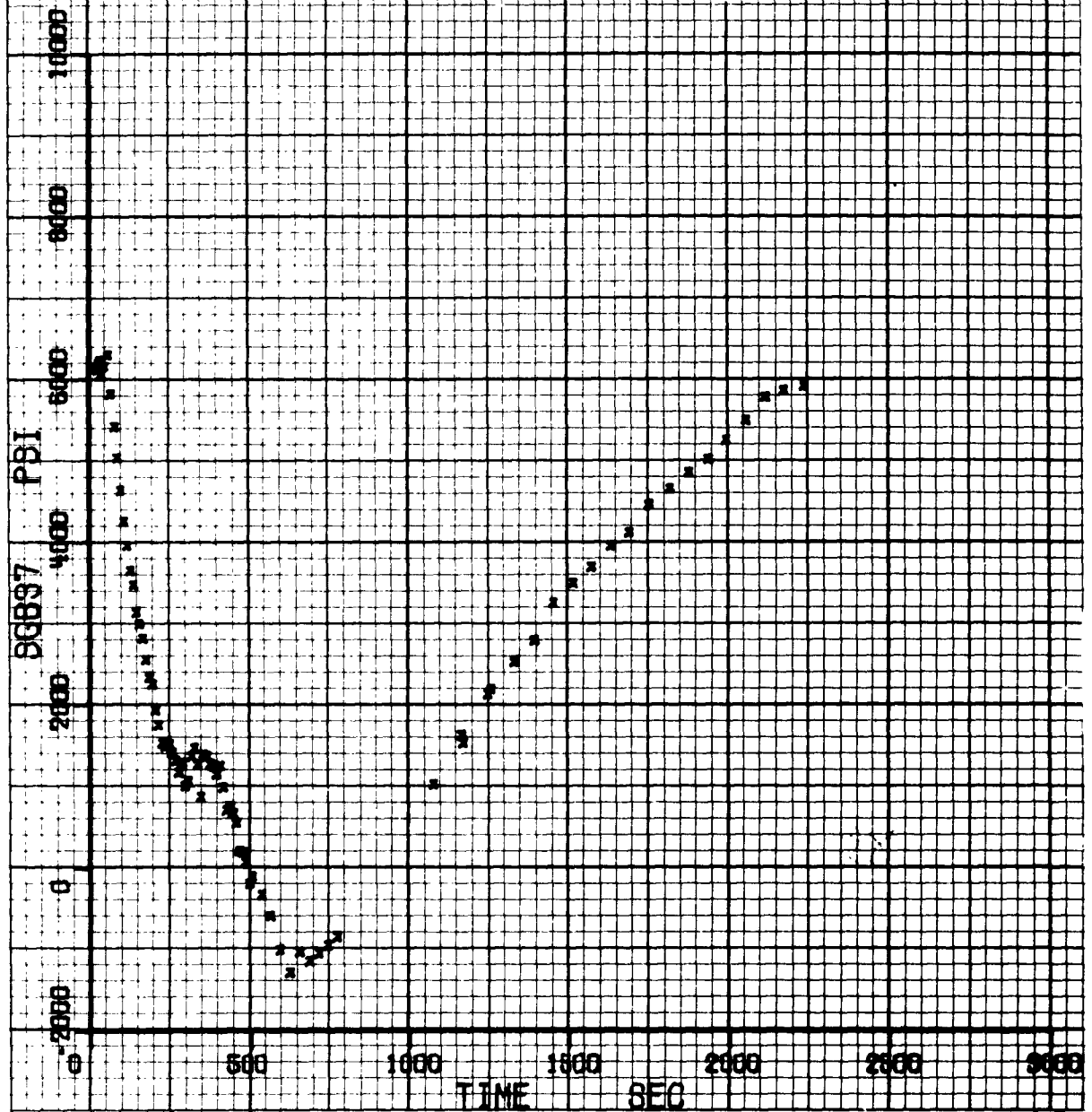
TEST 021 9/15





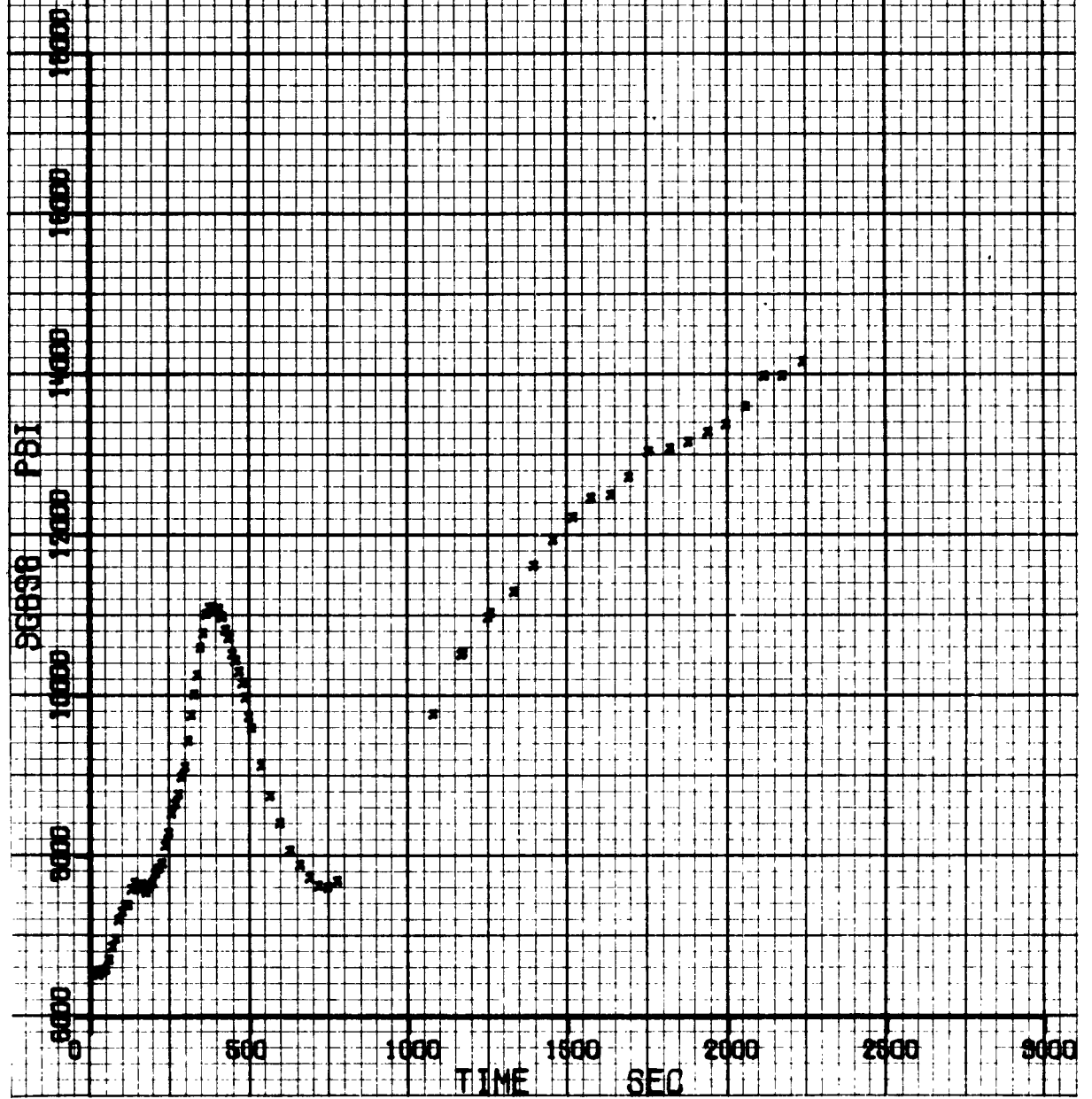
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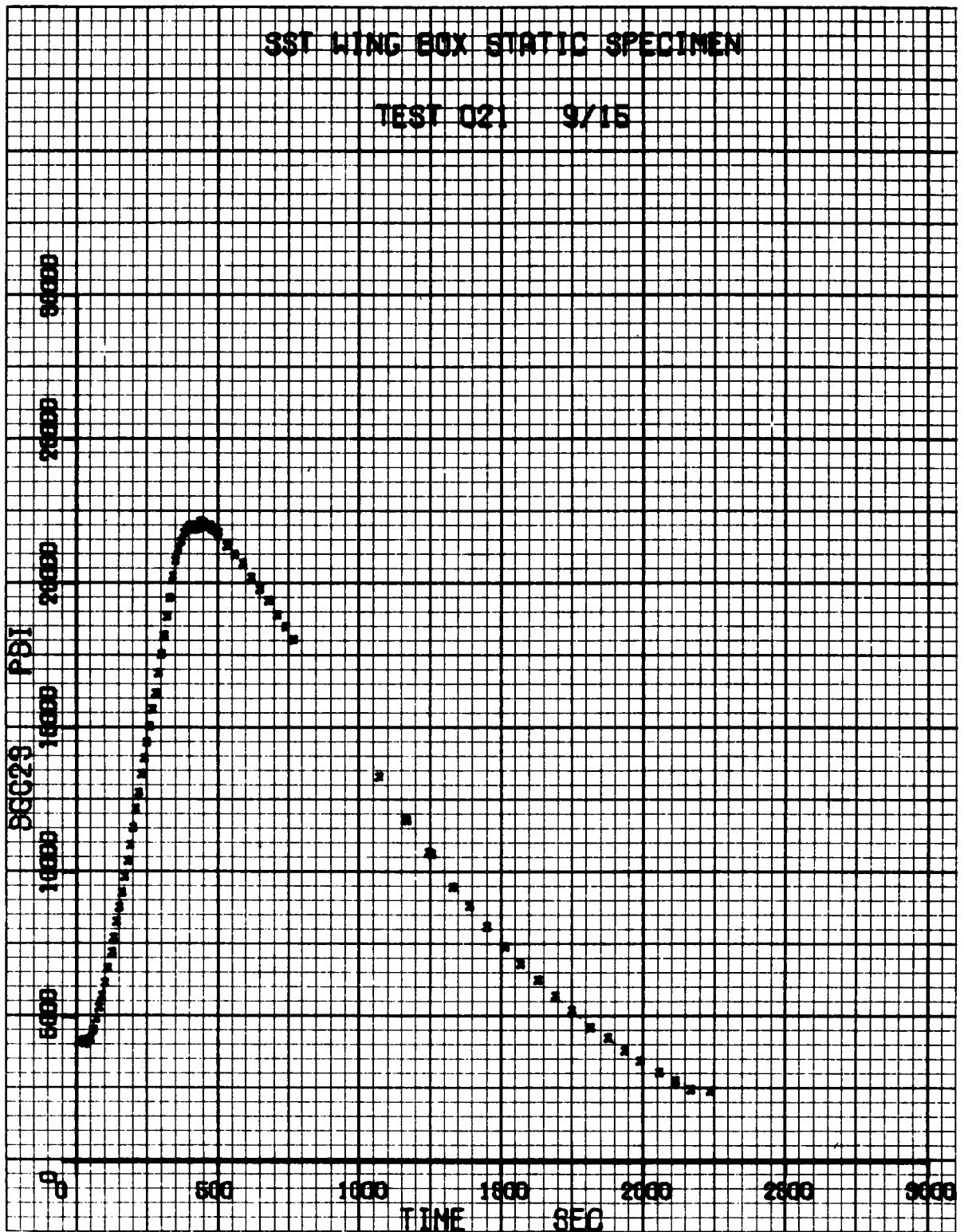
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

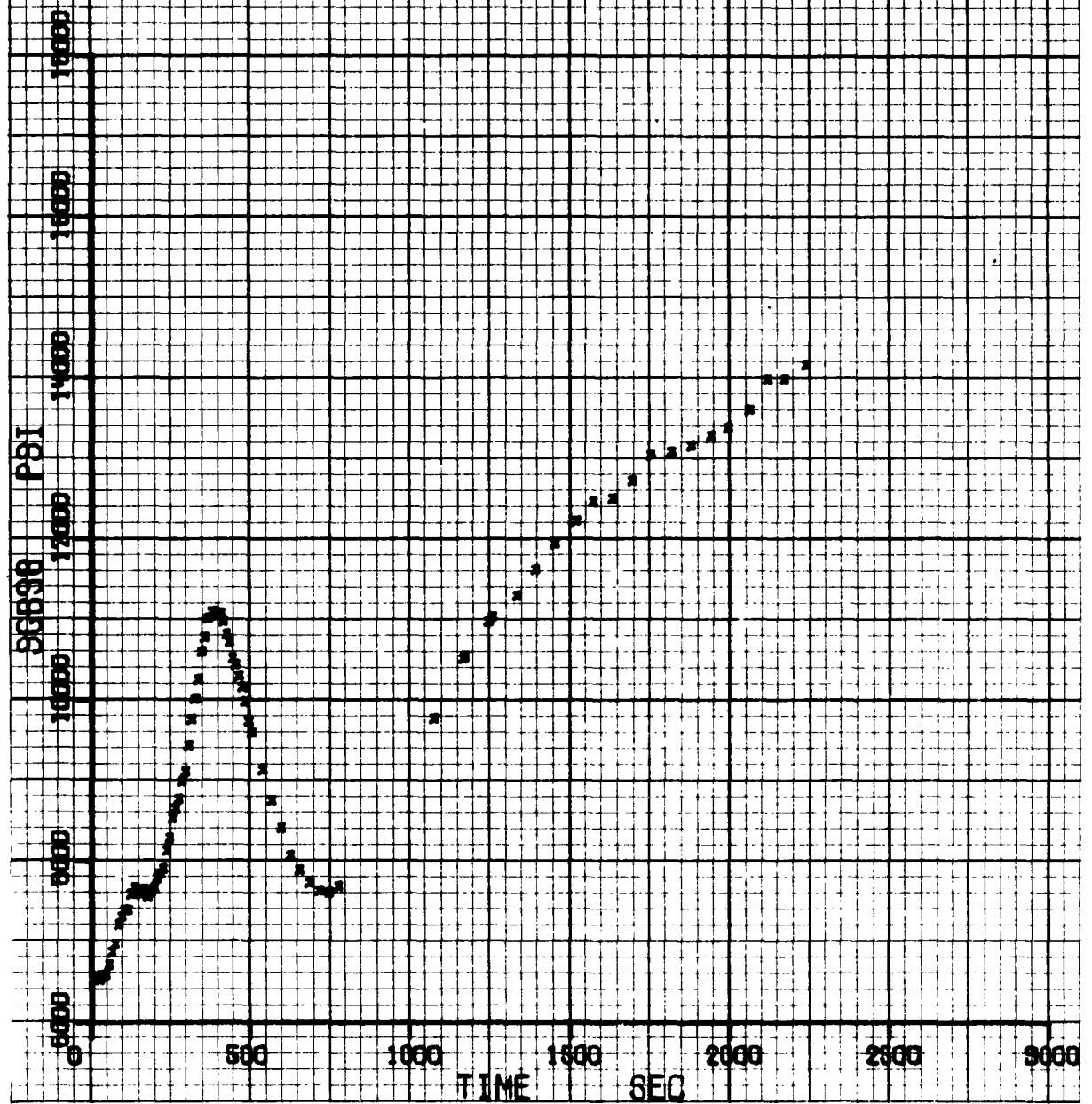
TEST 021 9/15





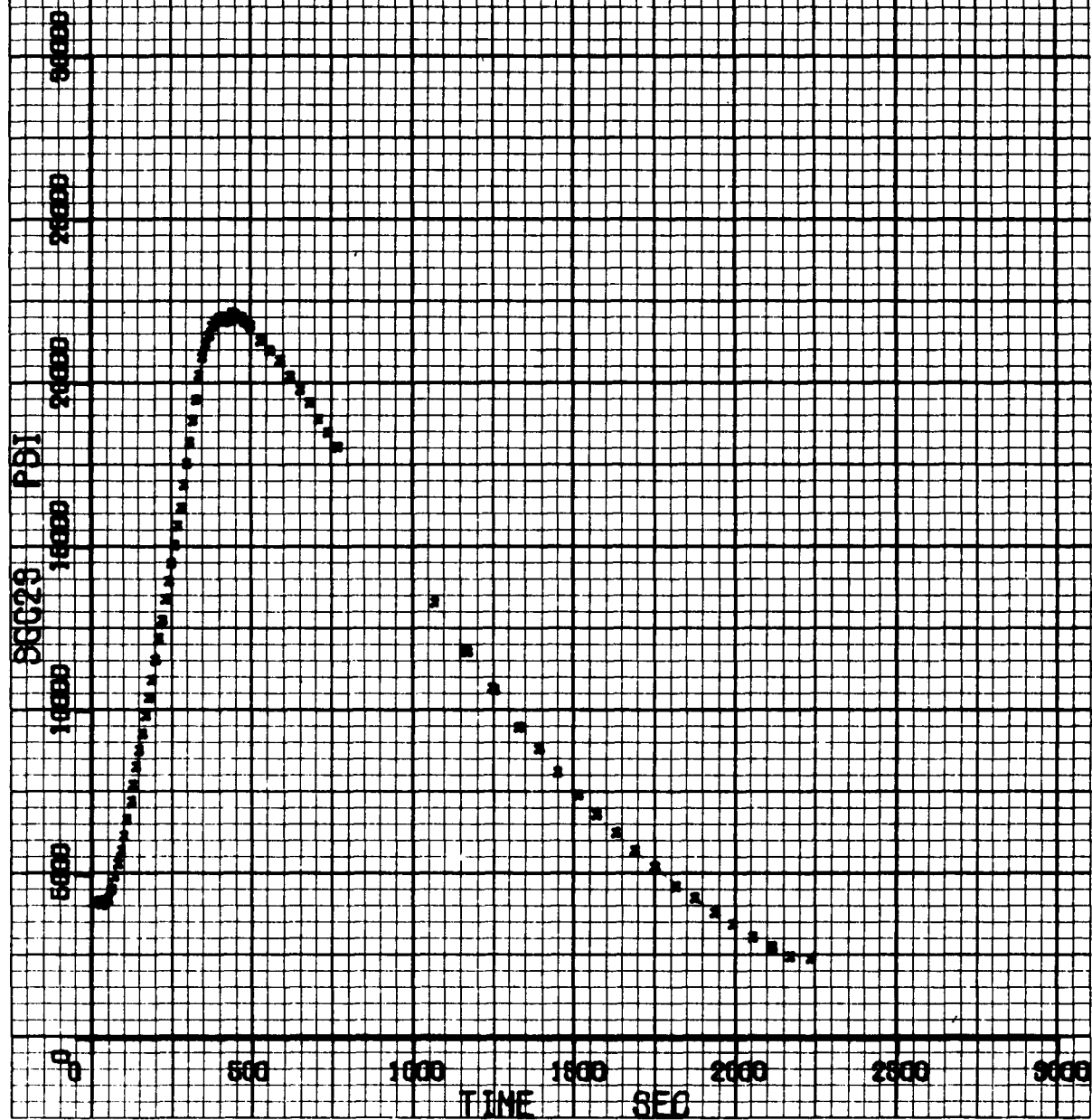
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

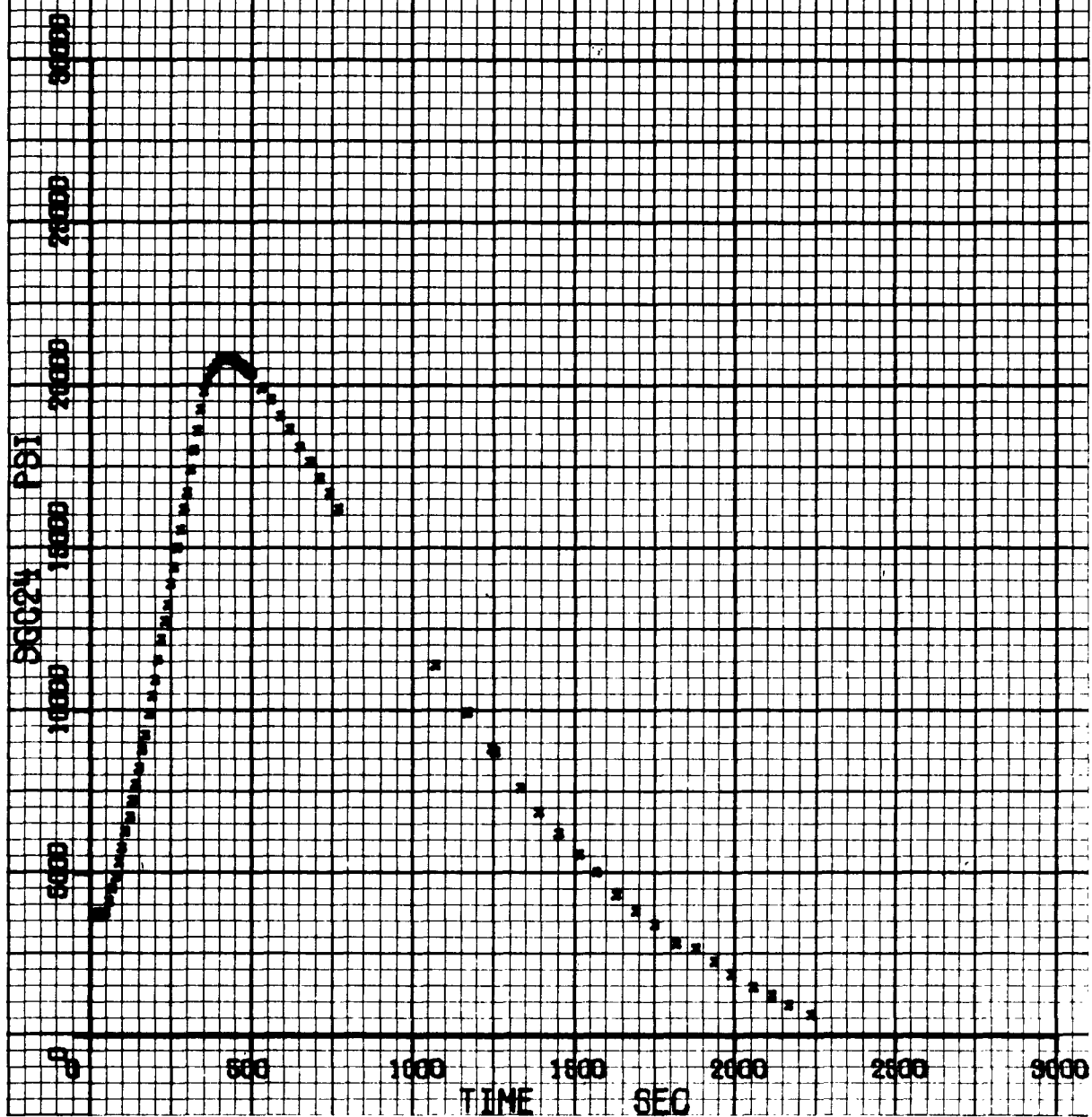
TEST 021 9/15

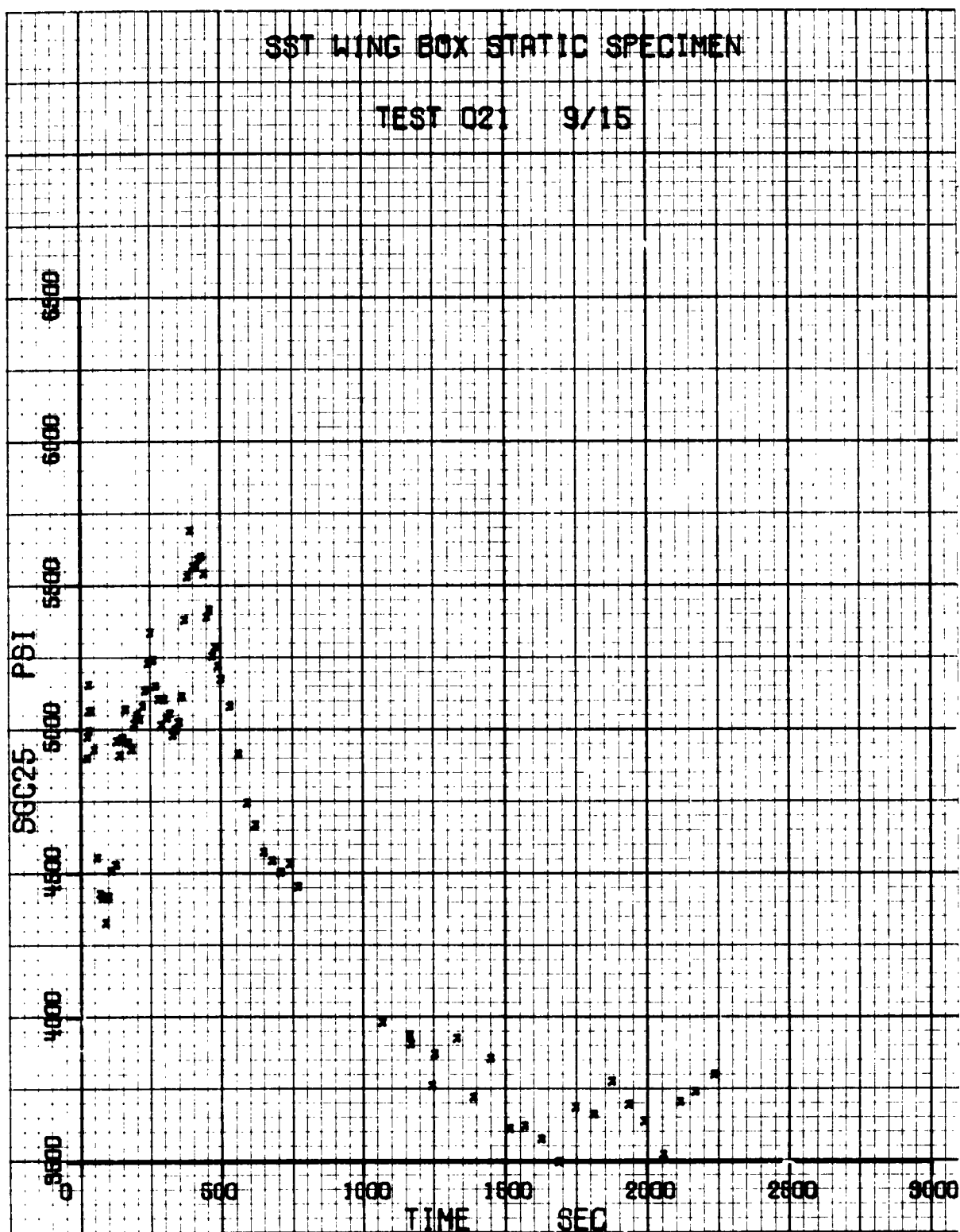




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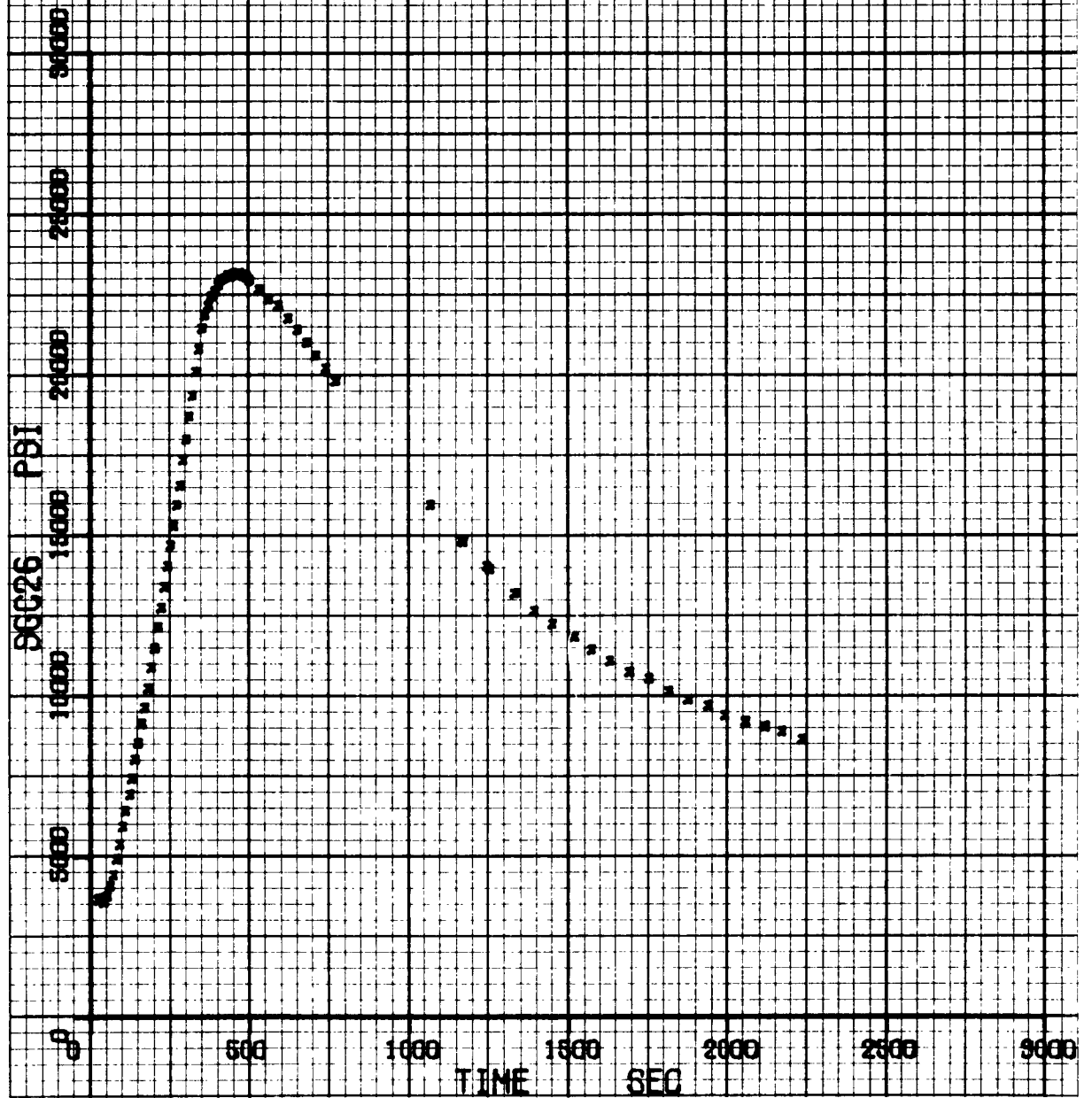
TEST 021 9/15





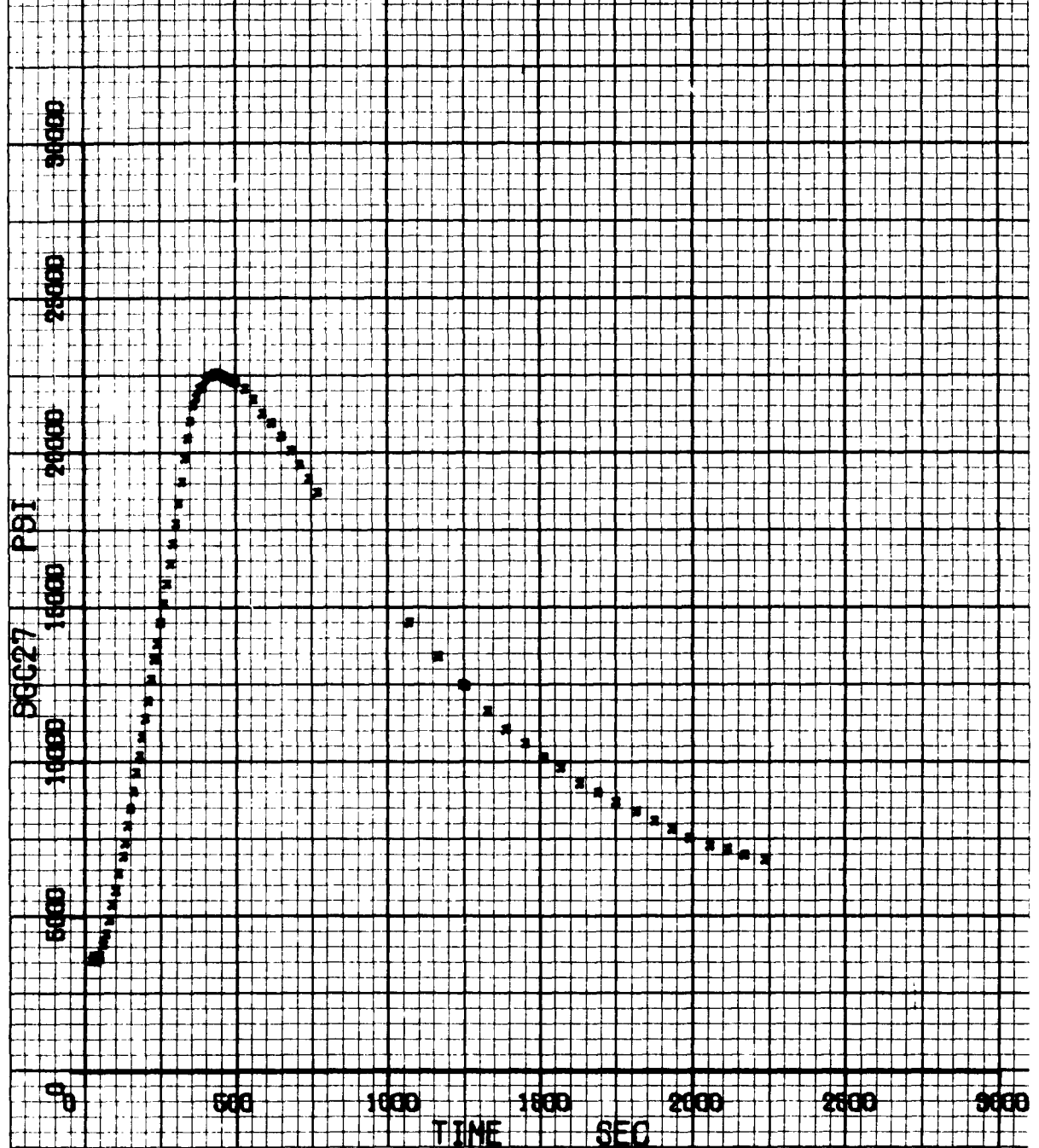
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



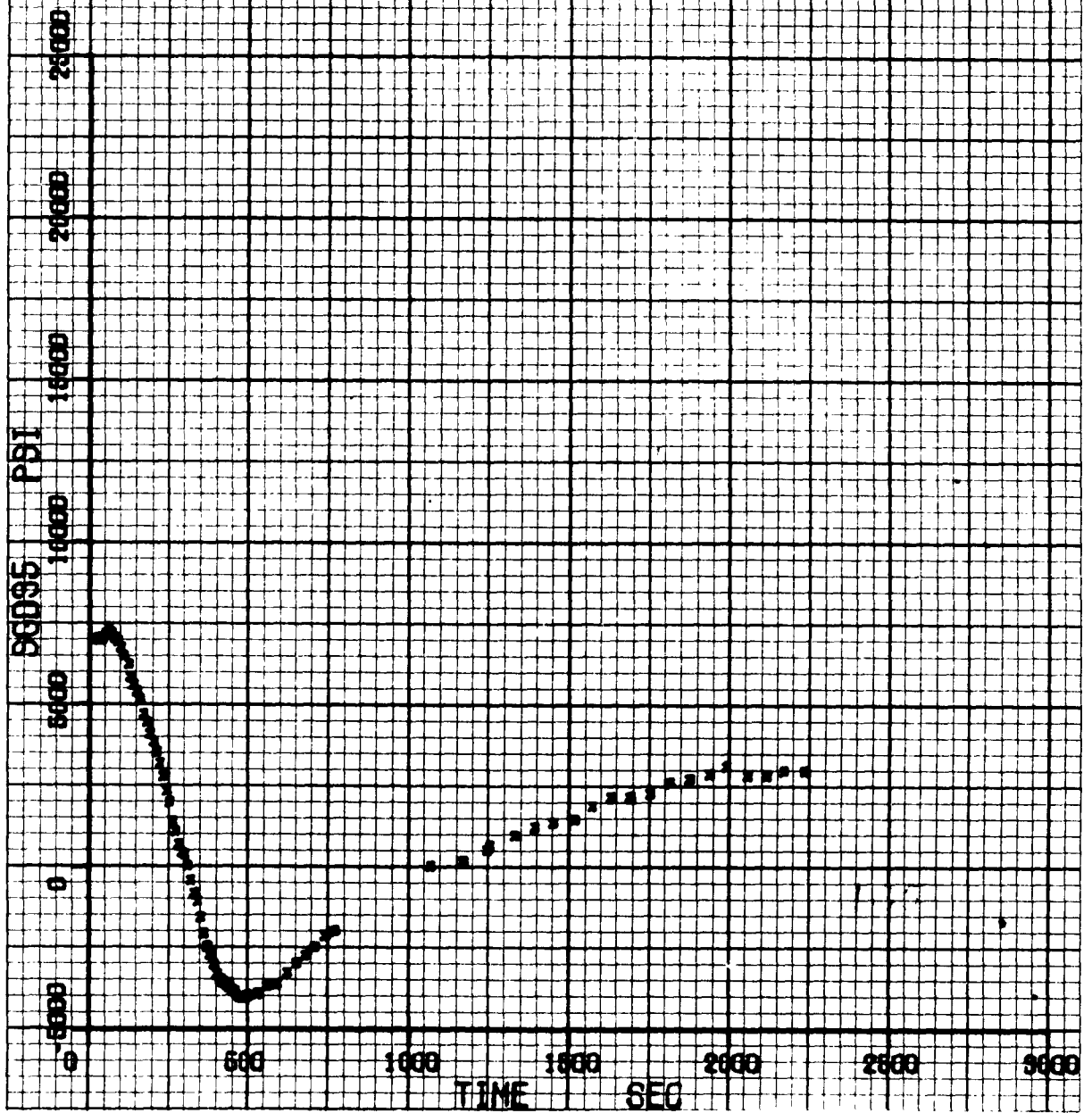
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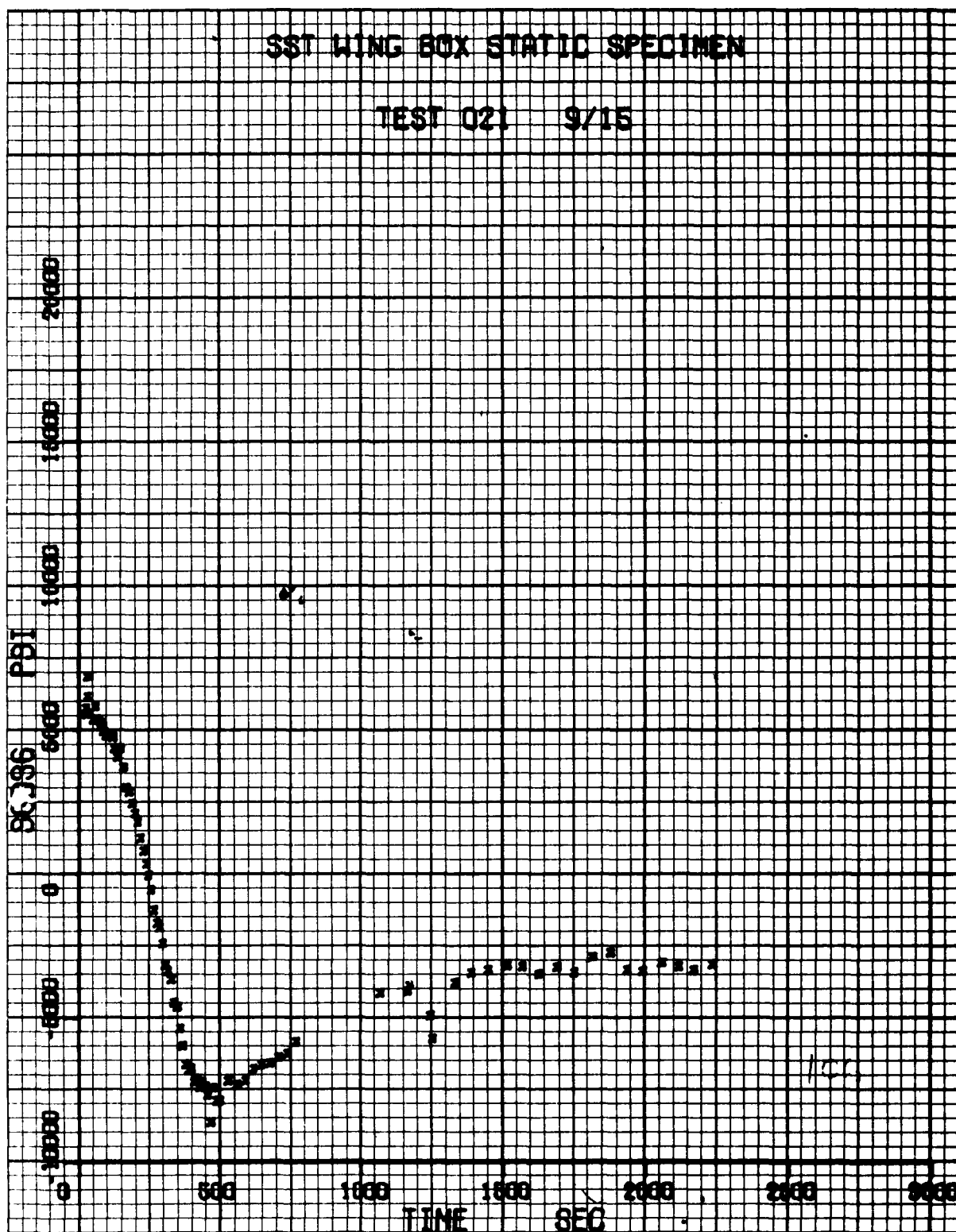
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

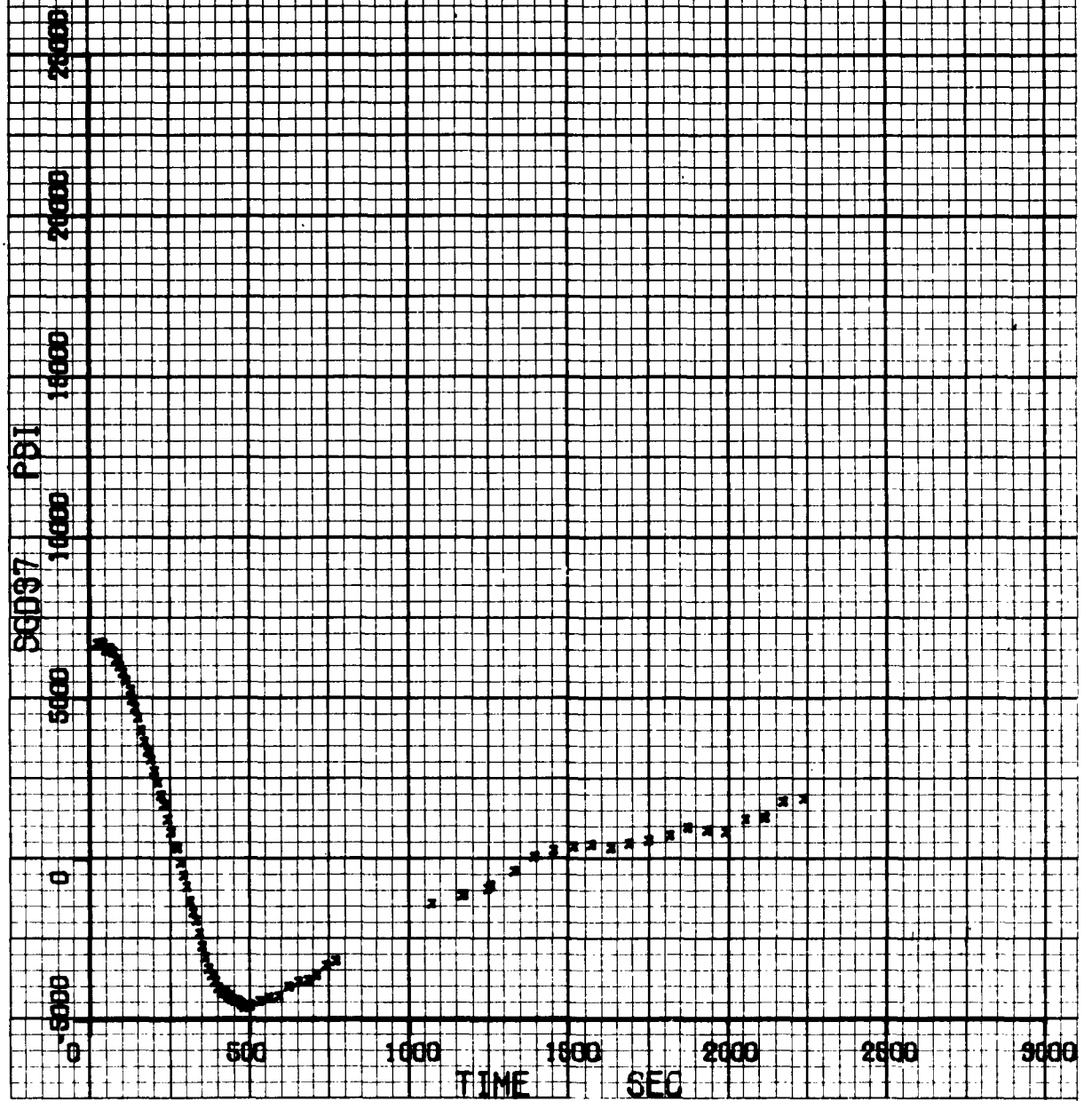
TEST 021 9/15





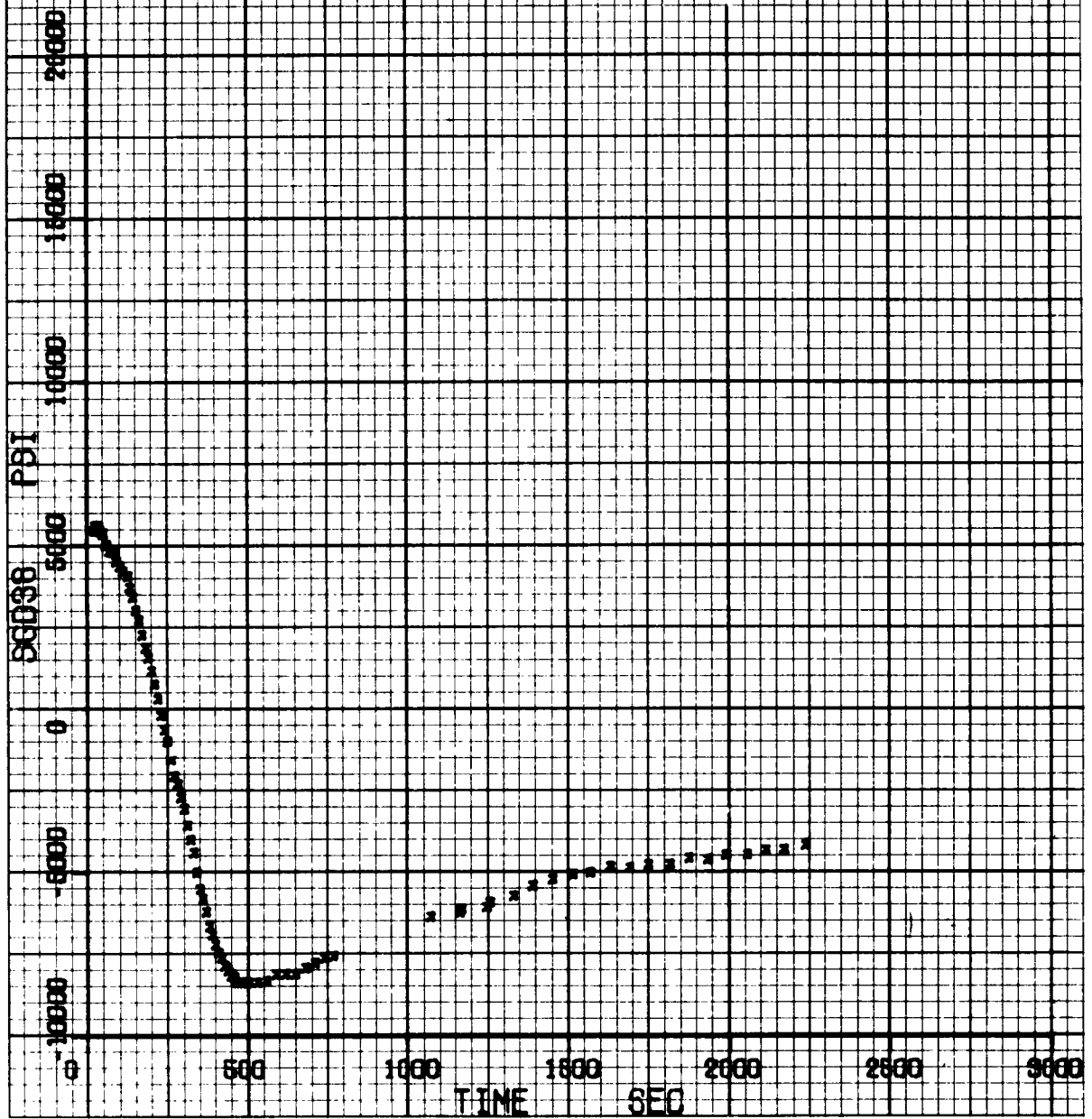
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

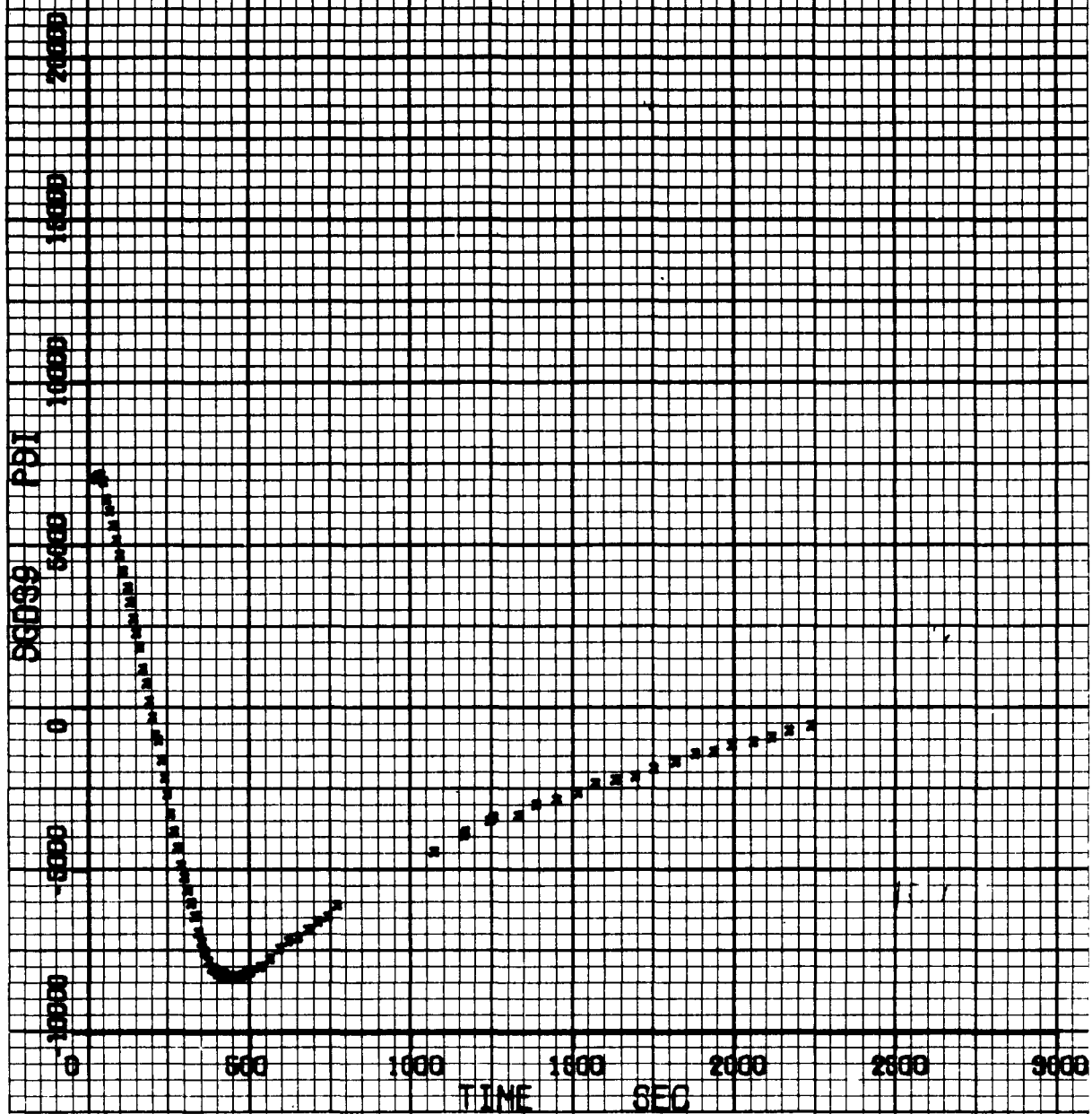
TEST 021 9/15





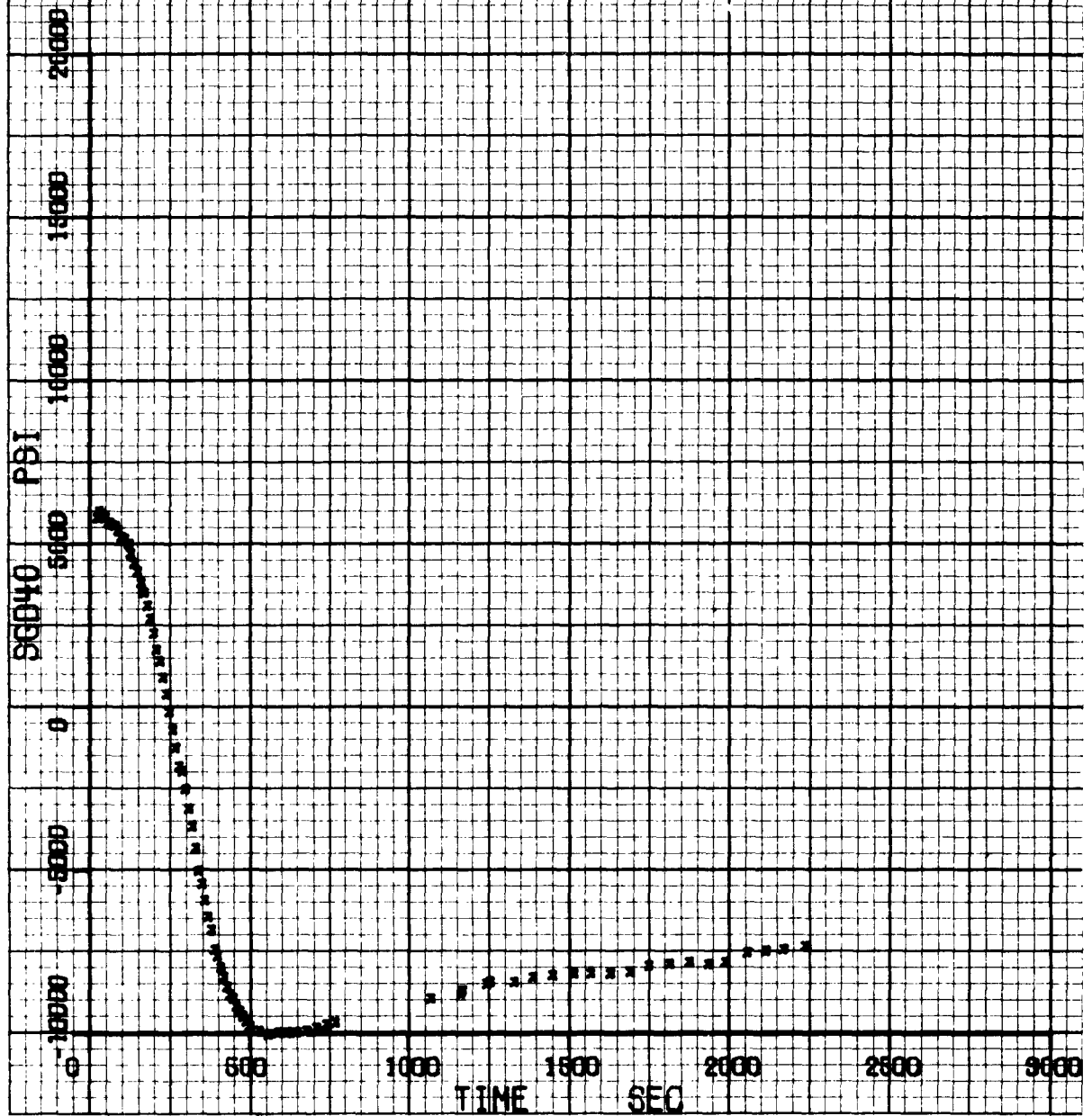
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



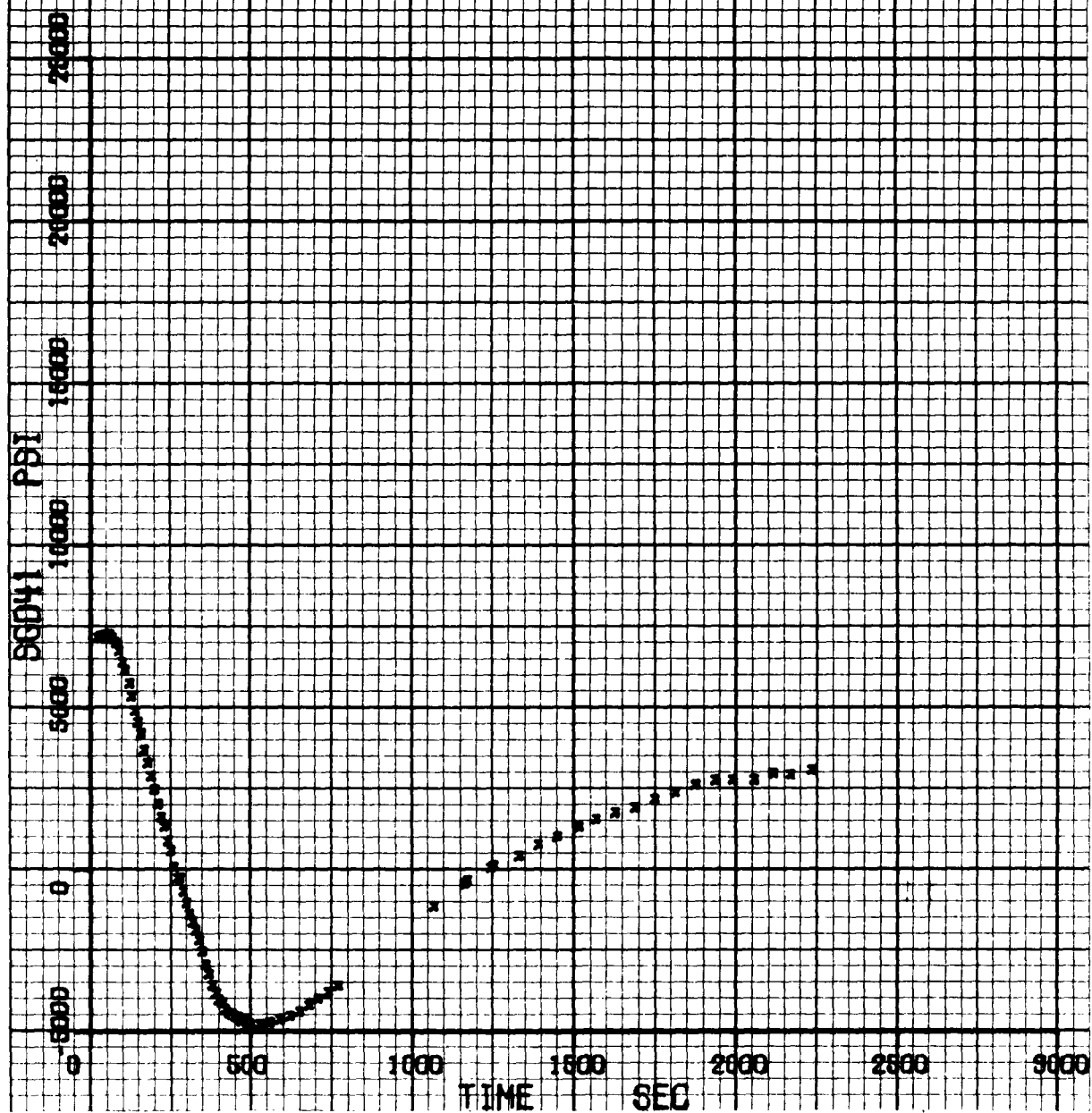
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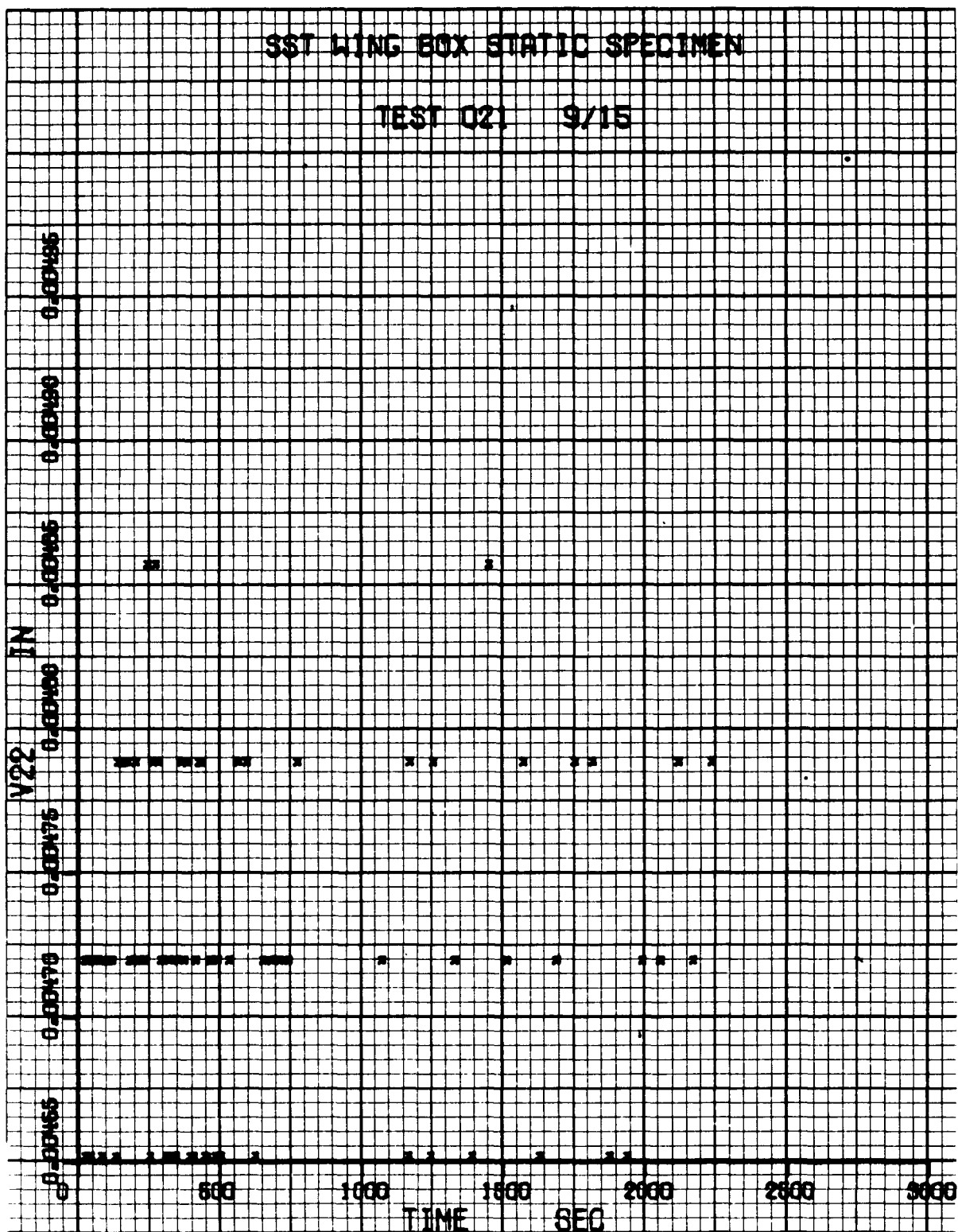
TEST 021 9/15



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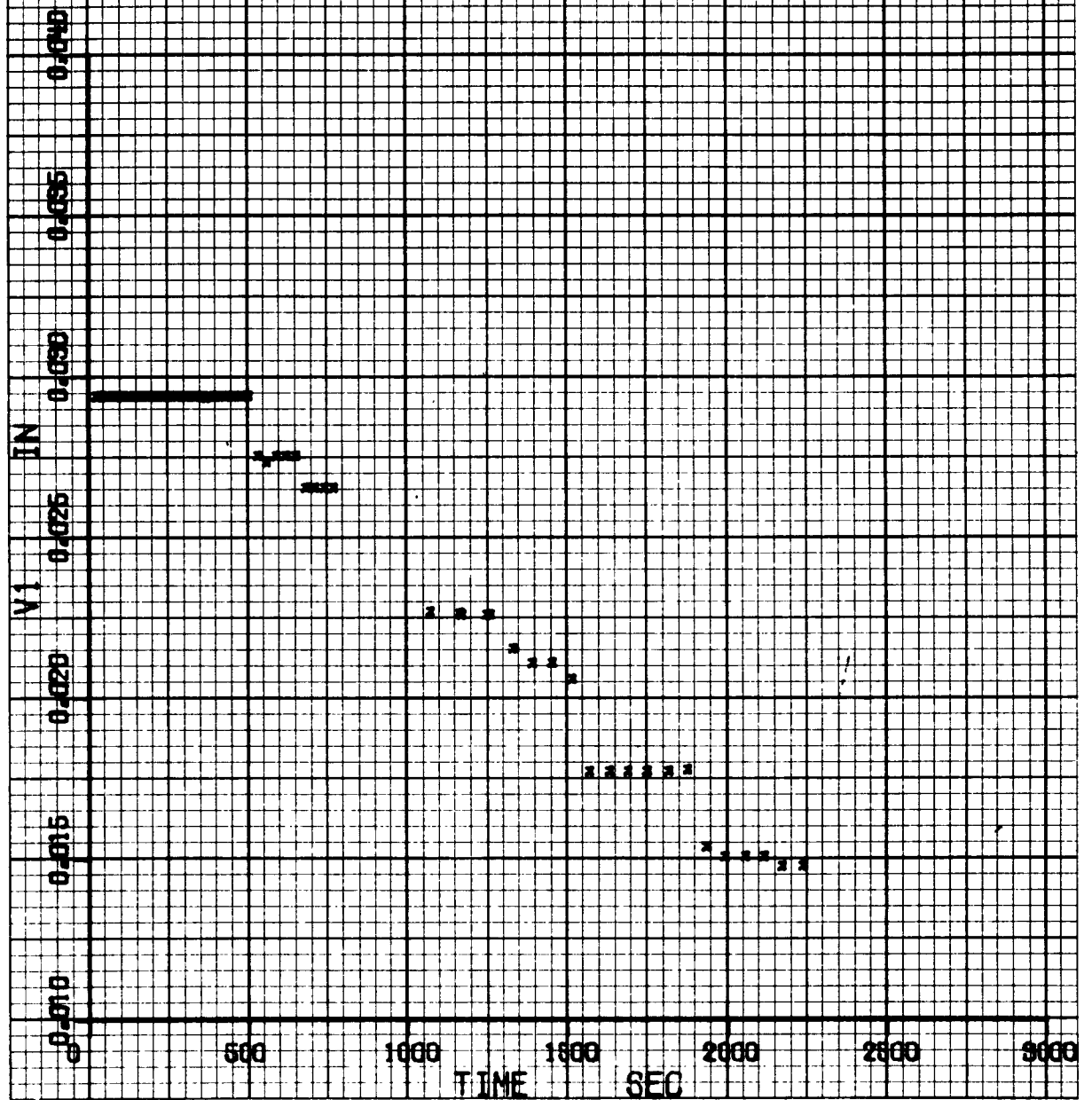
TEST 021 9/15





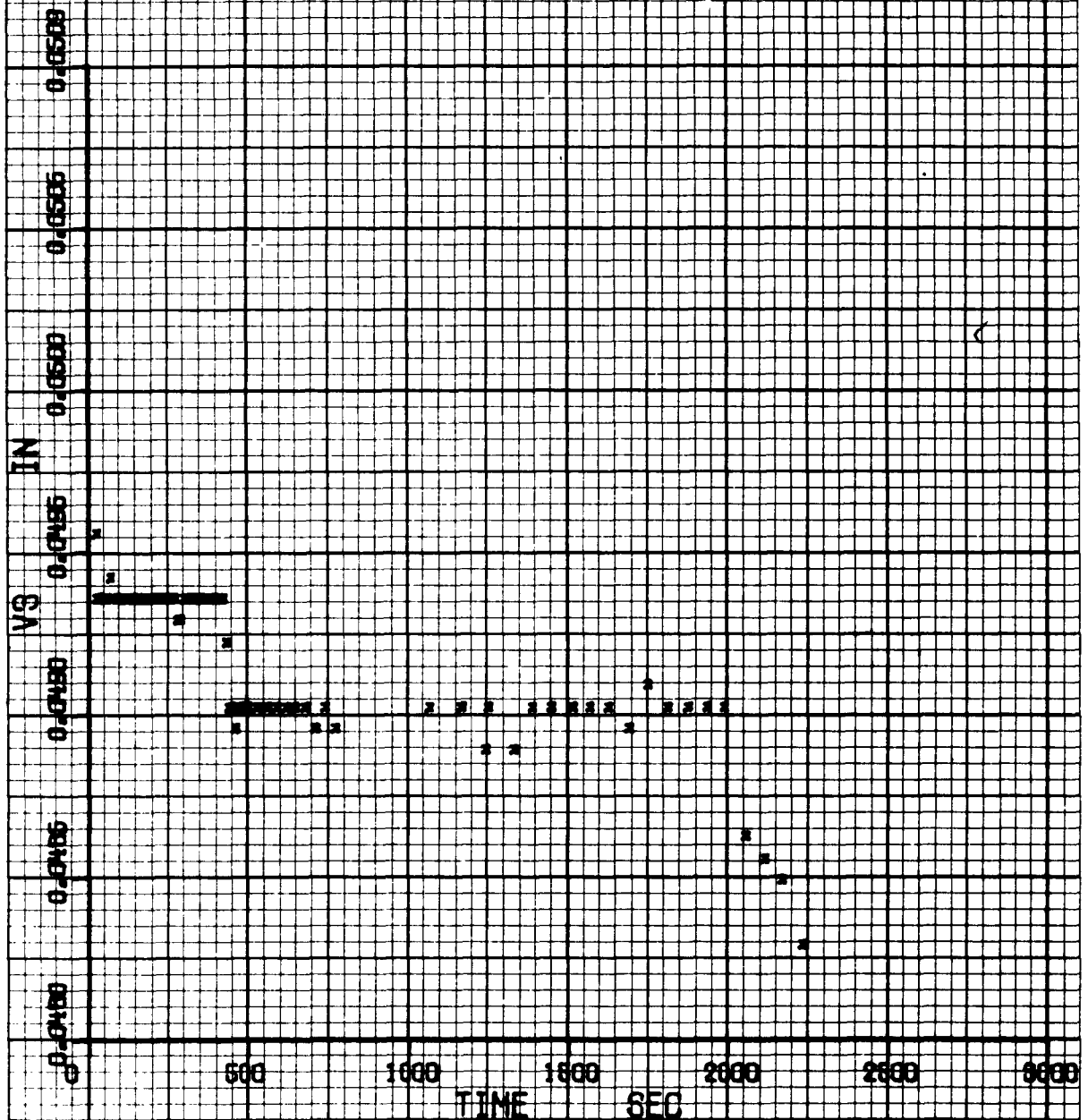
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TEST 021 9/15



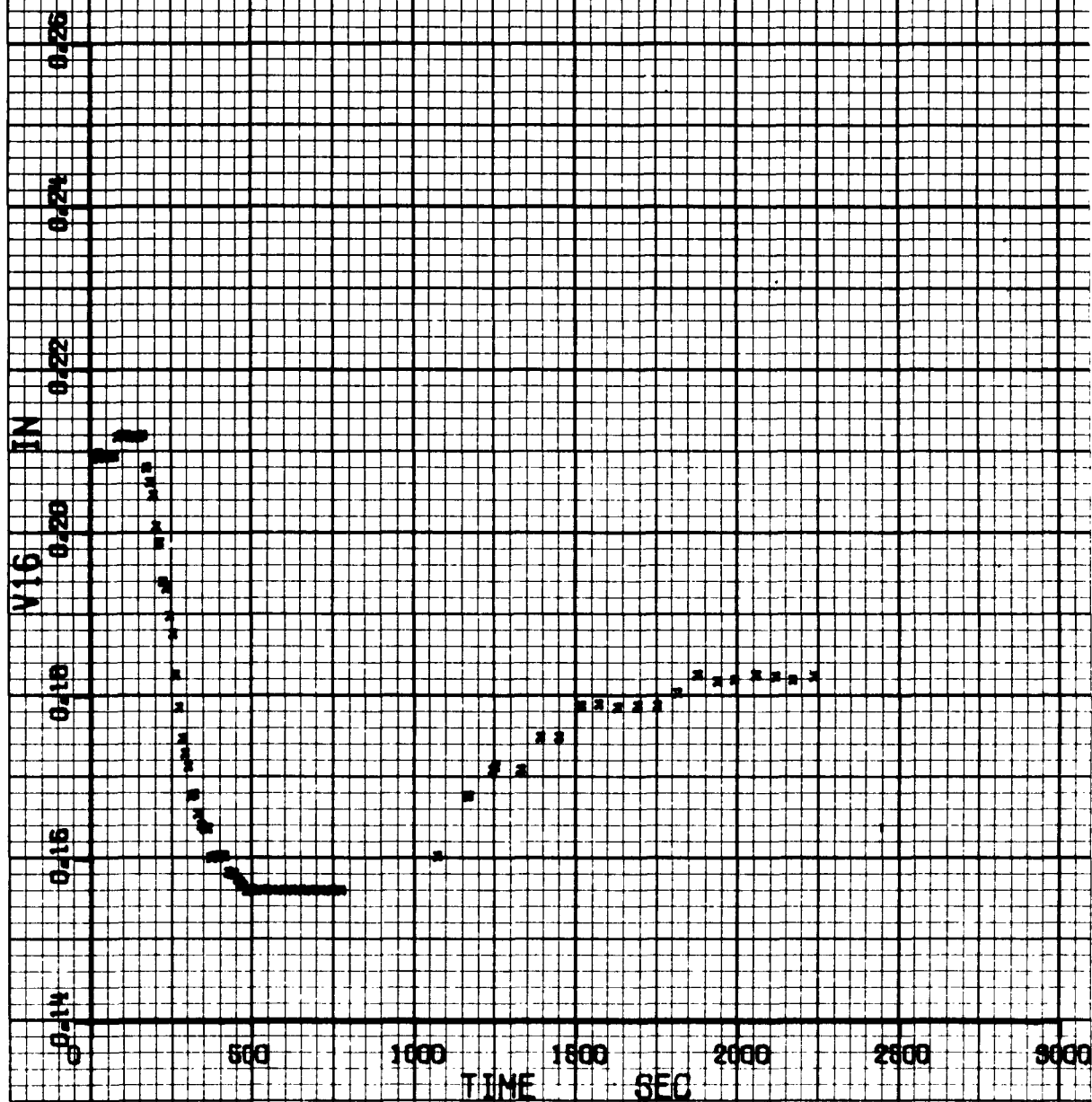
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TEST 021 9/15



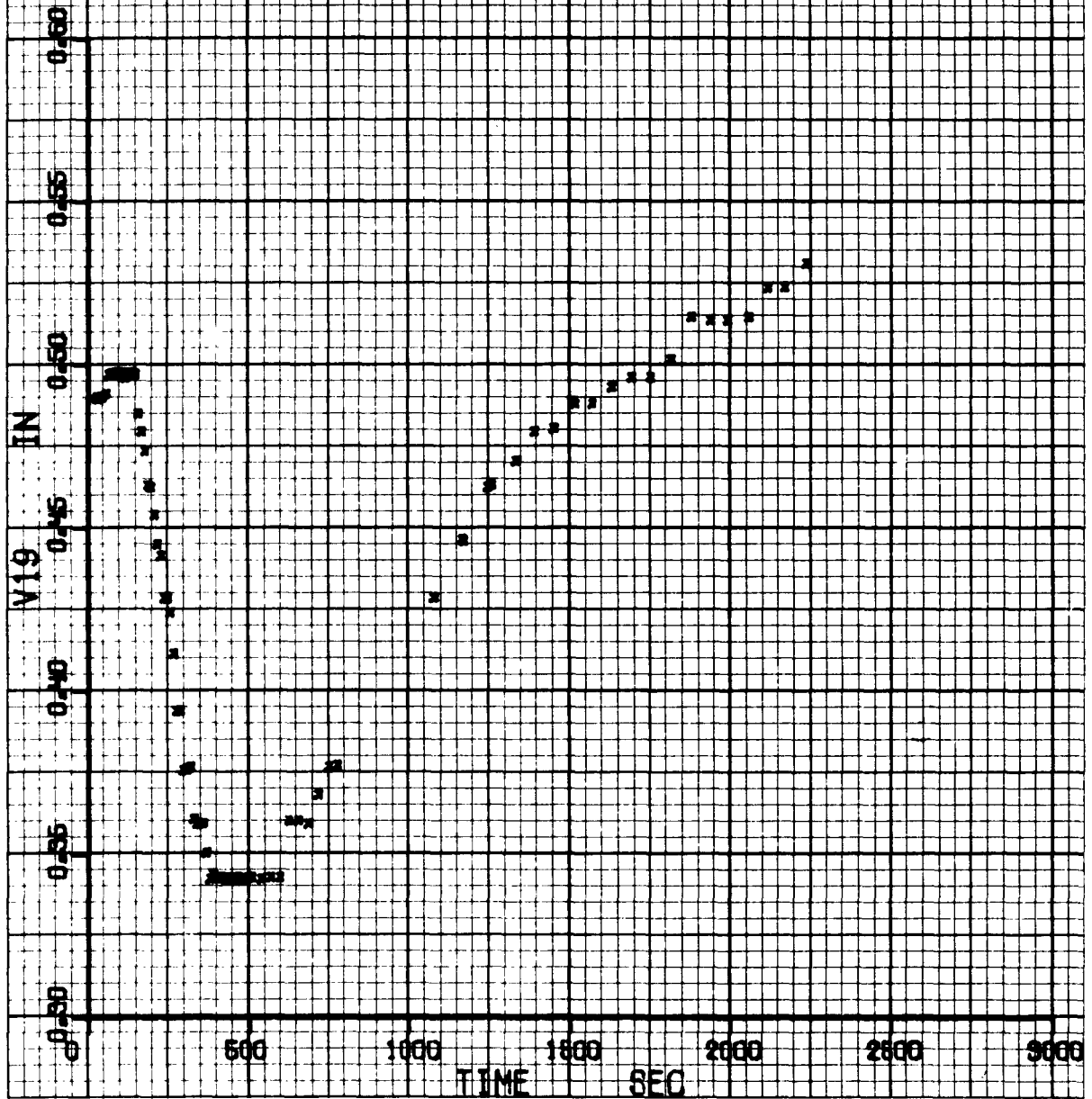
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

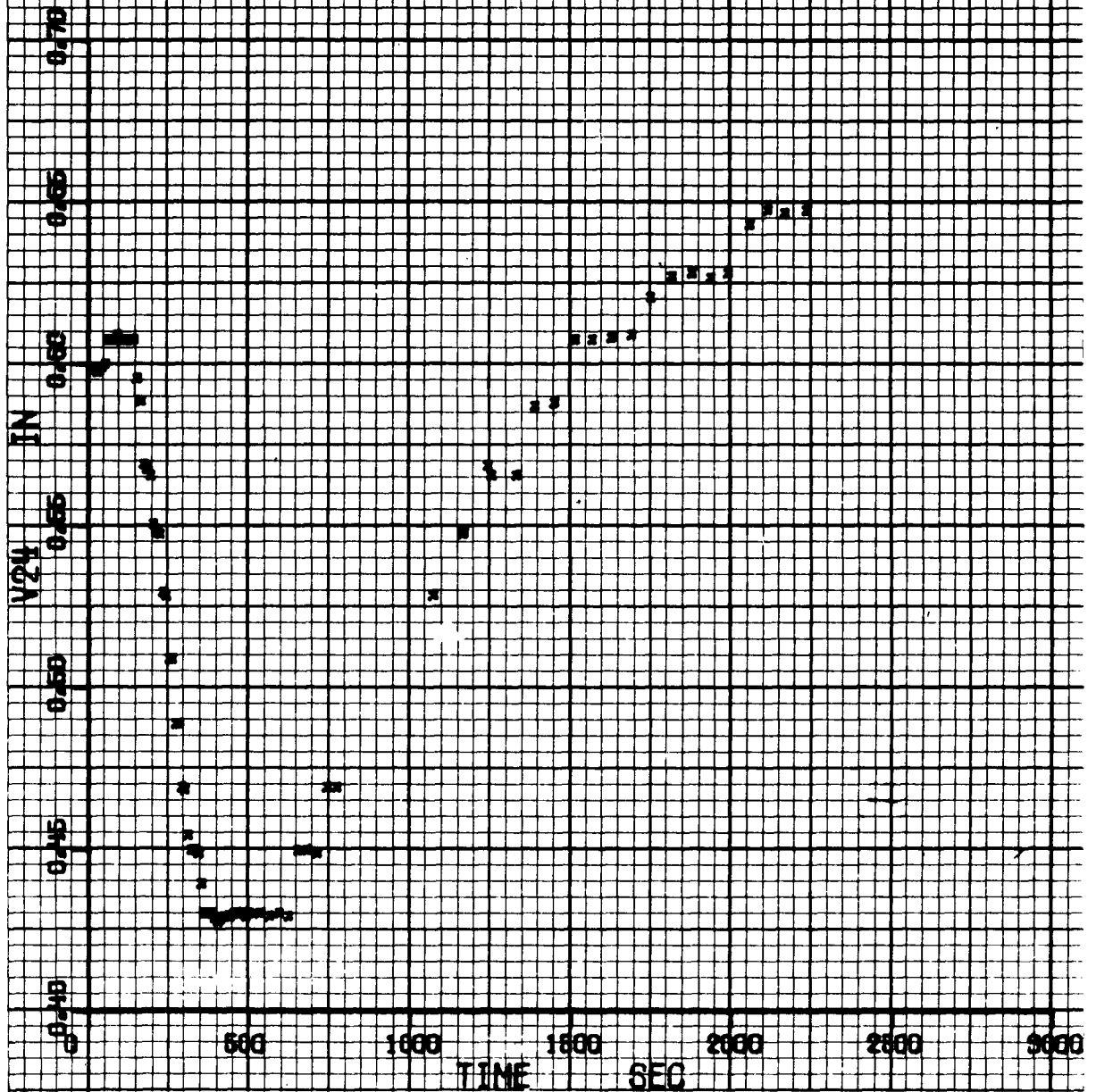
TEST 021 9/15





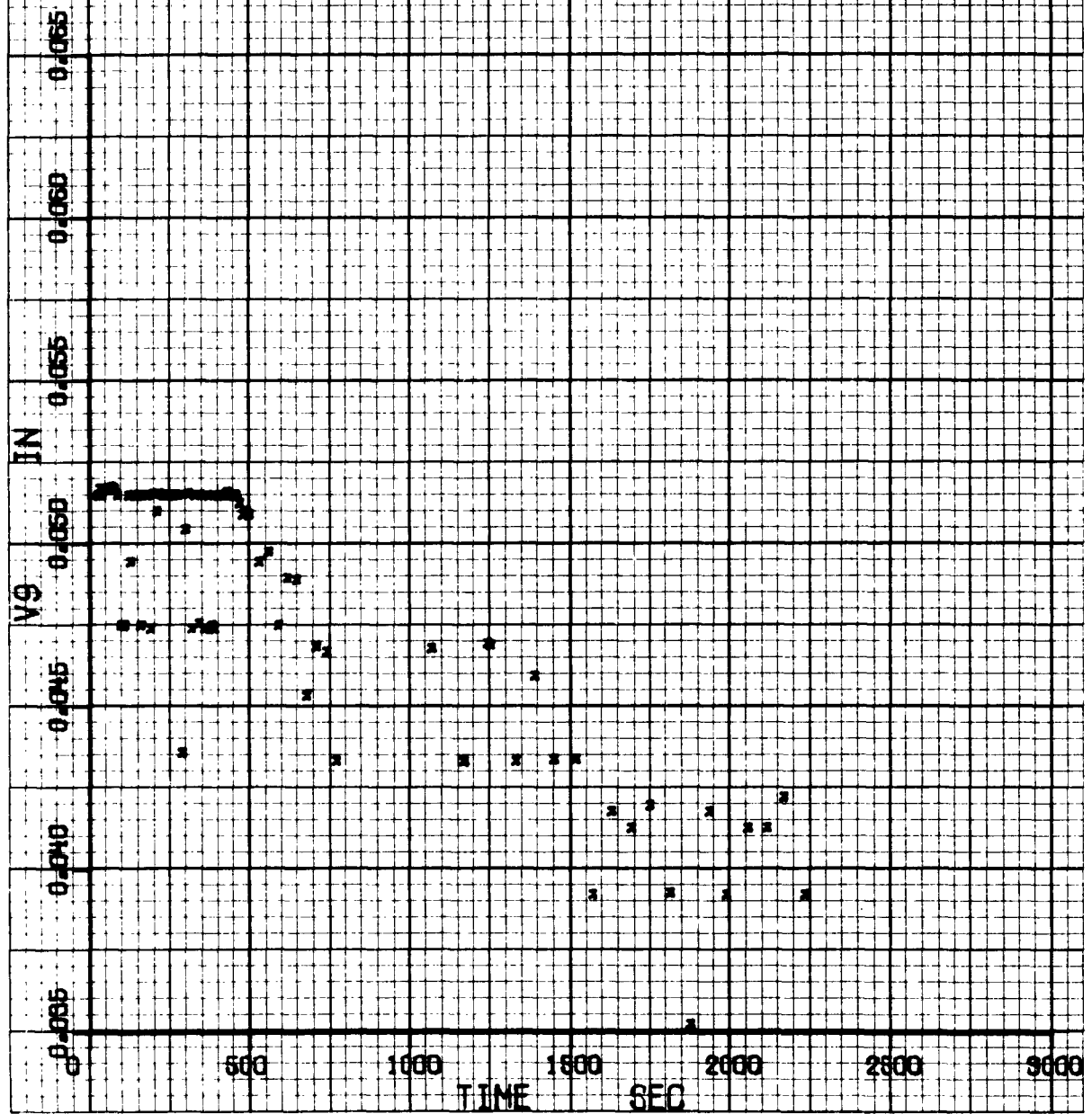
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



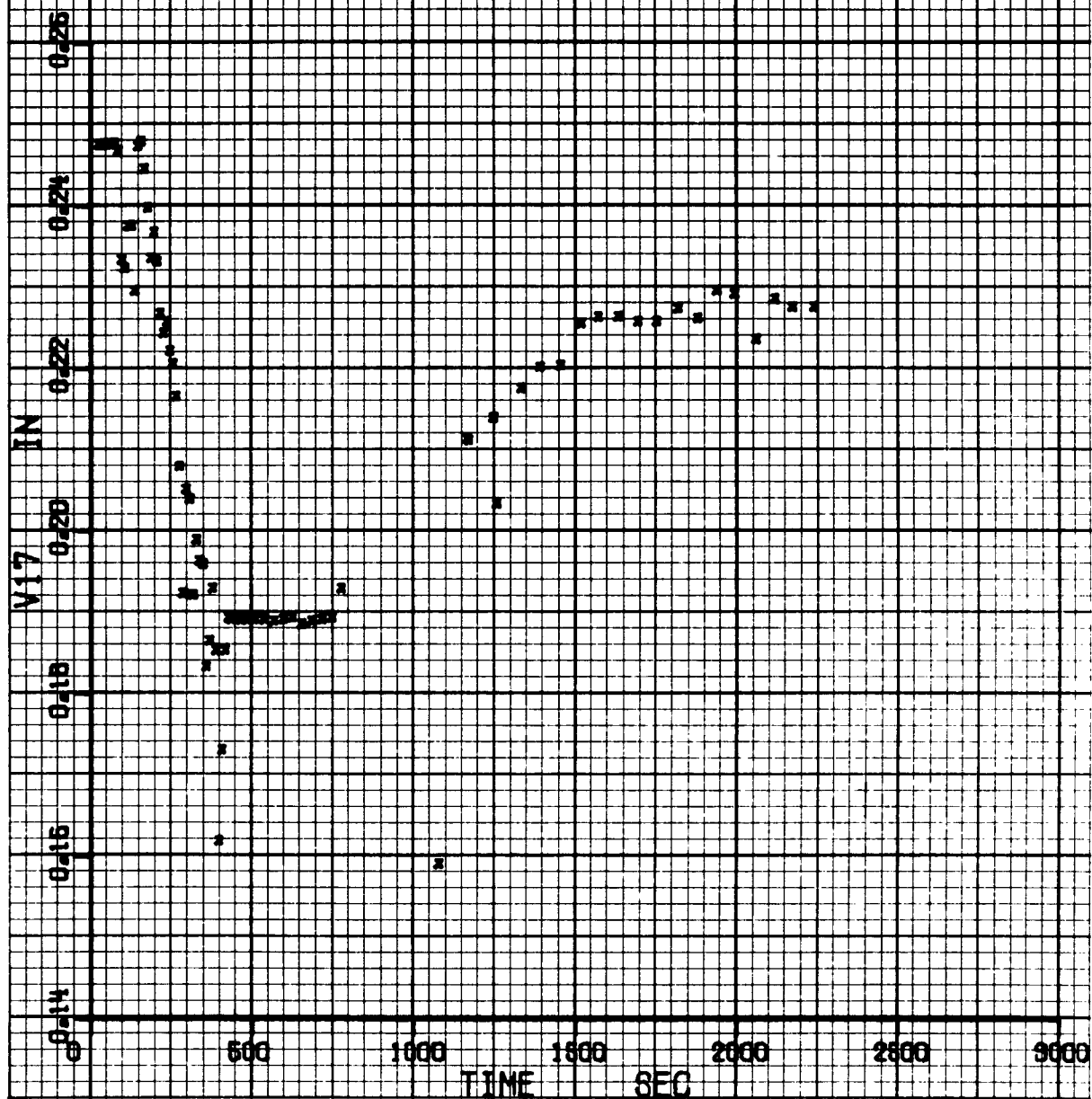
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



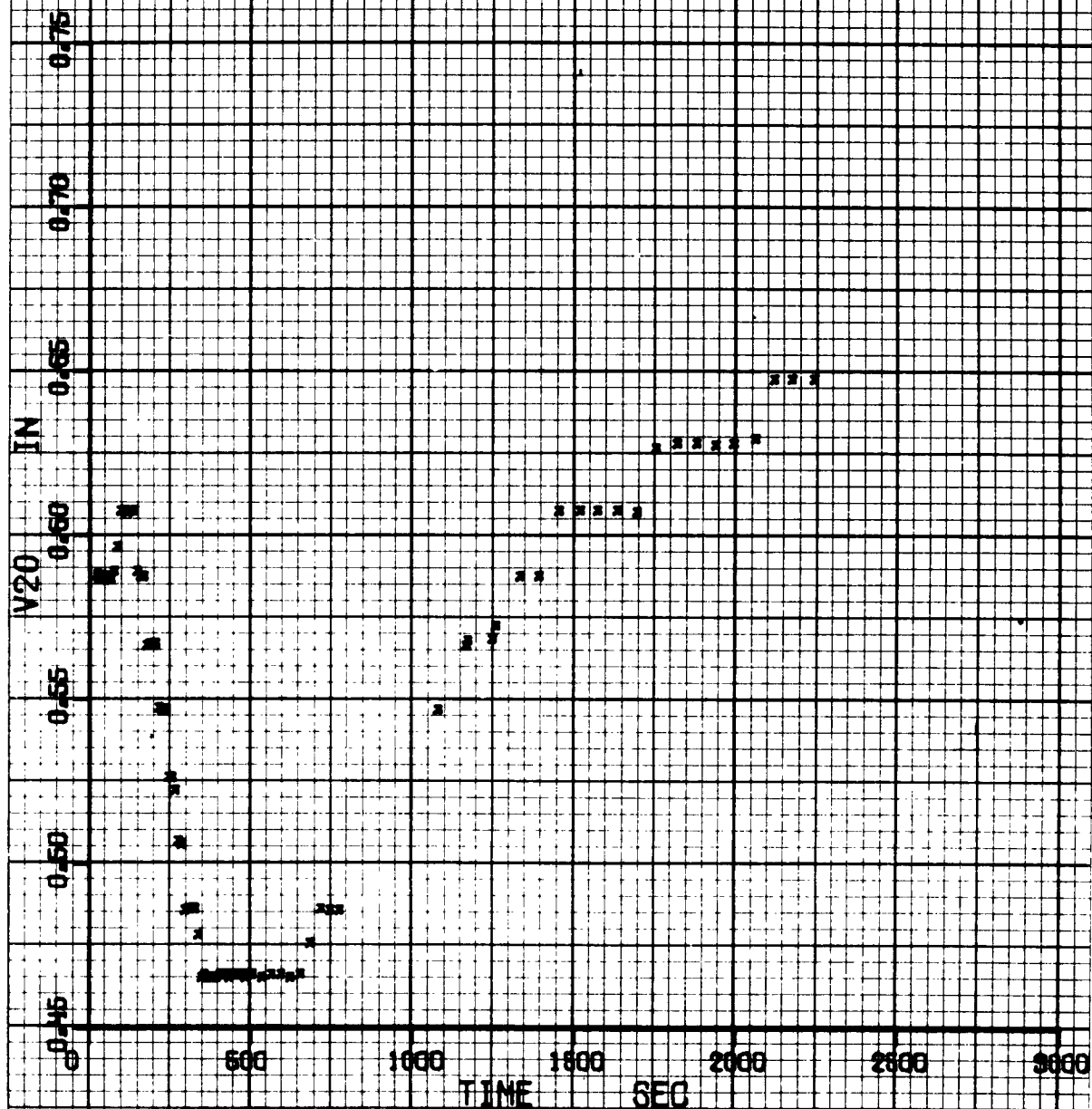
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15



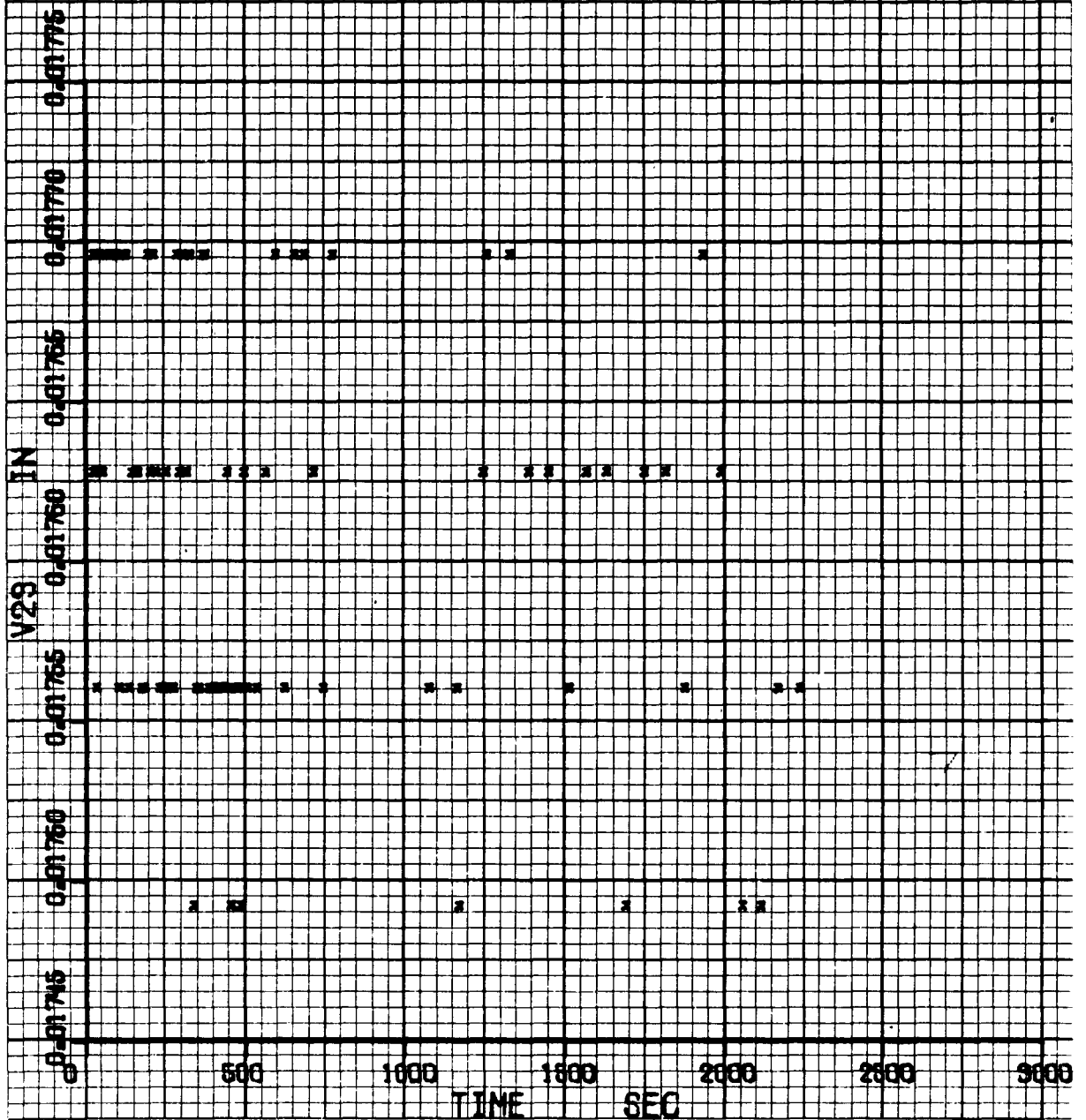
# SST WING BOX STATIC SPECIMEN

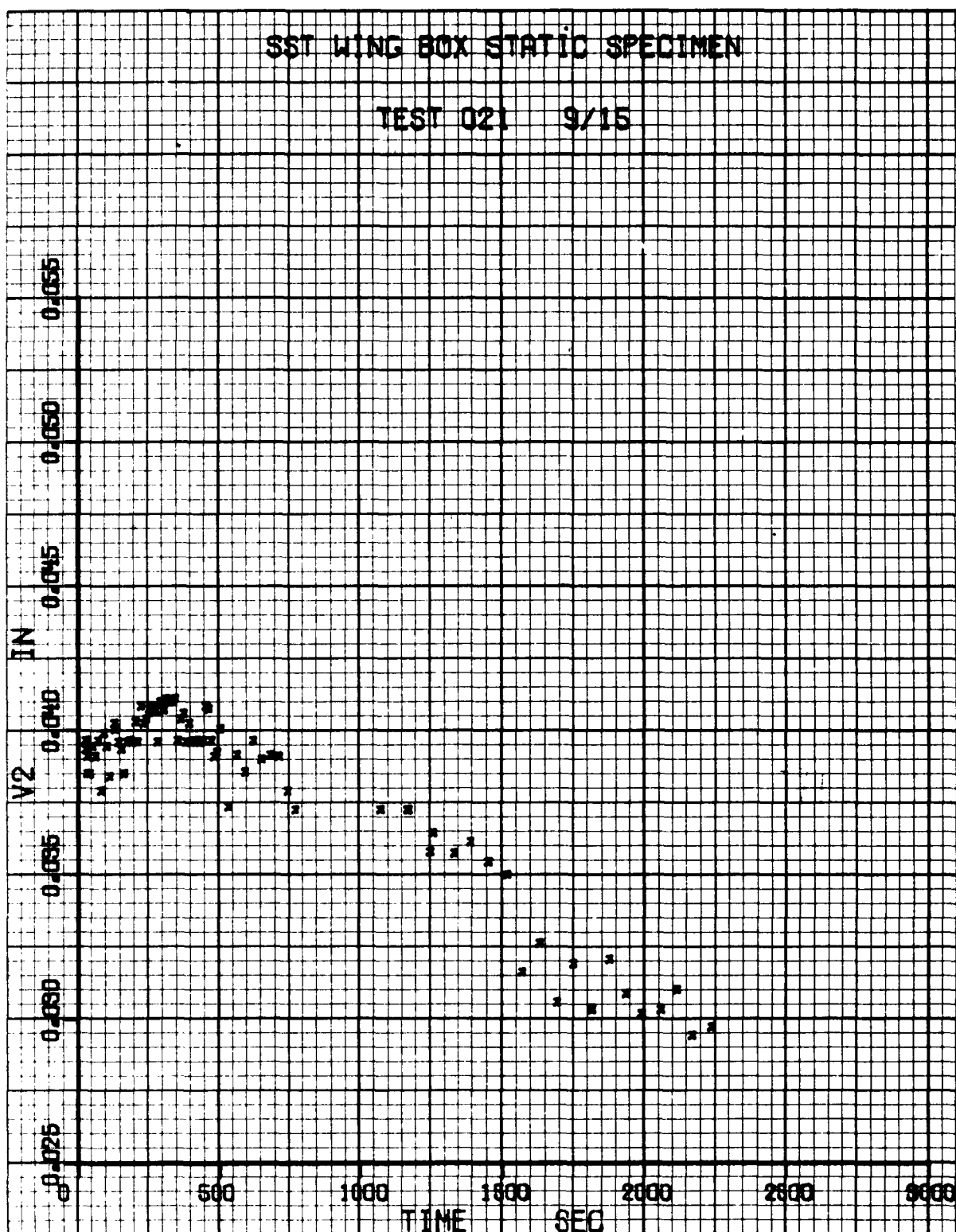
TEST 021 9/15



# SST WING BOX STATIC SPECIMEN

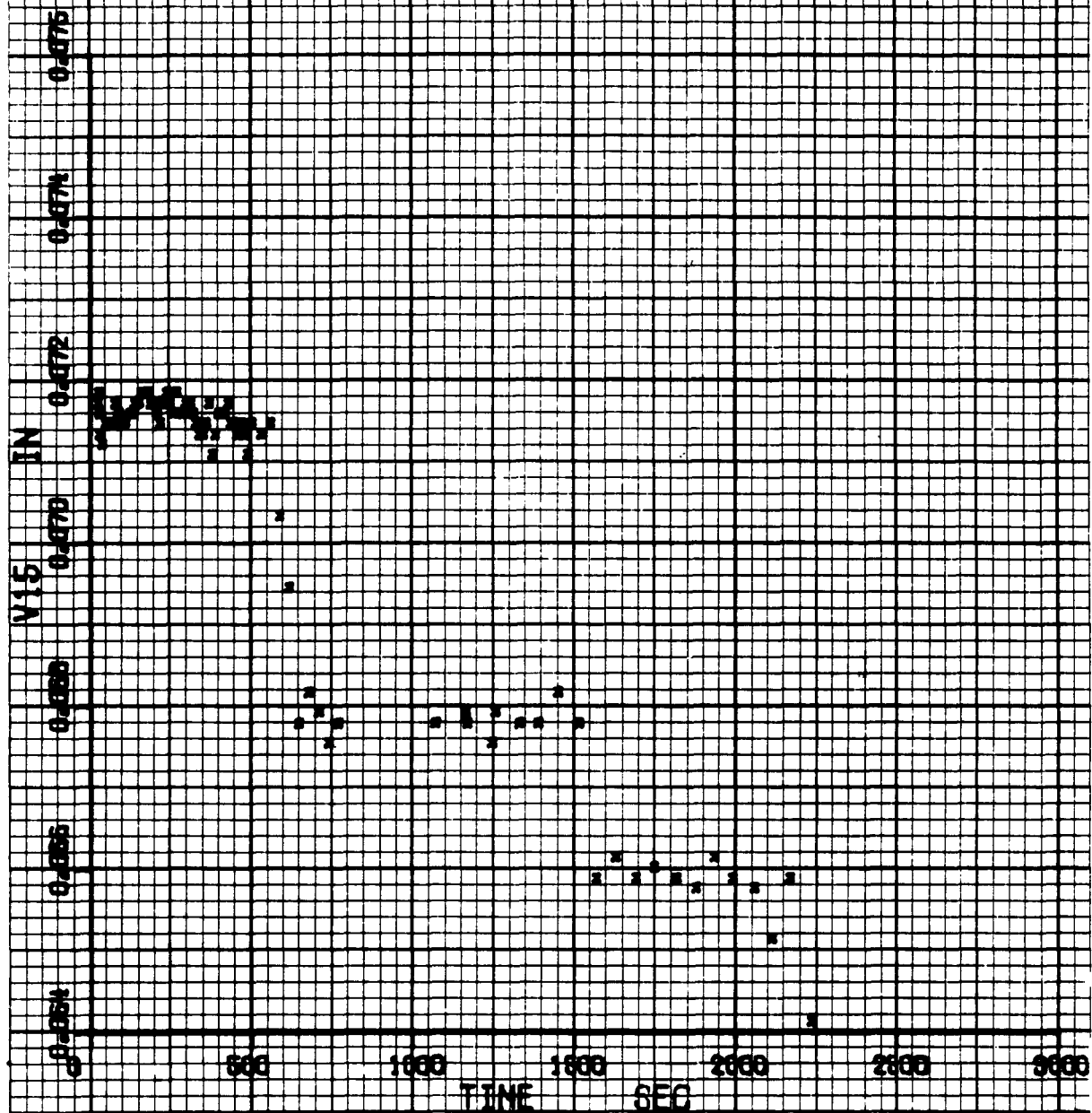
TEST 021 9/15





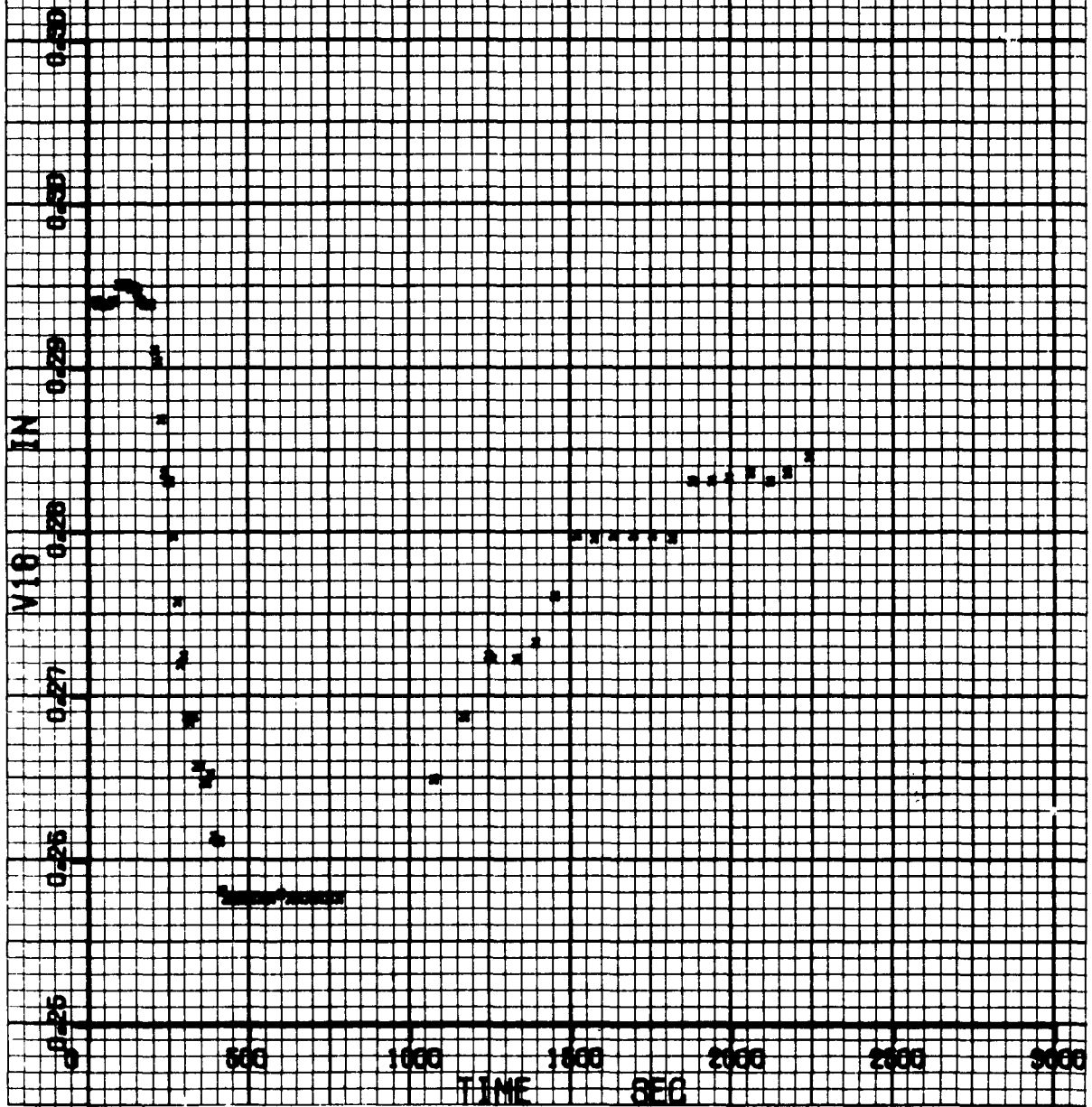
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15

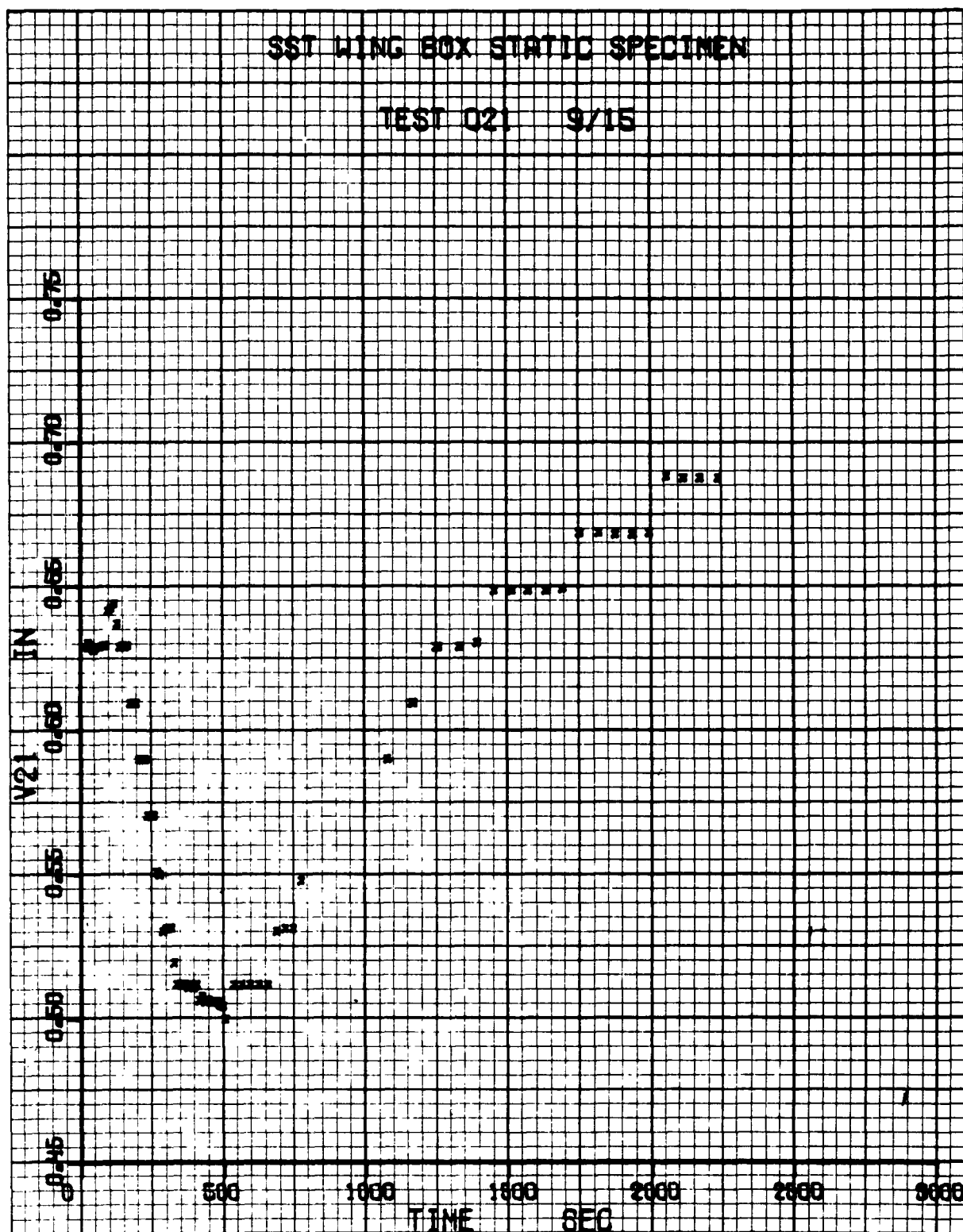


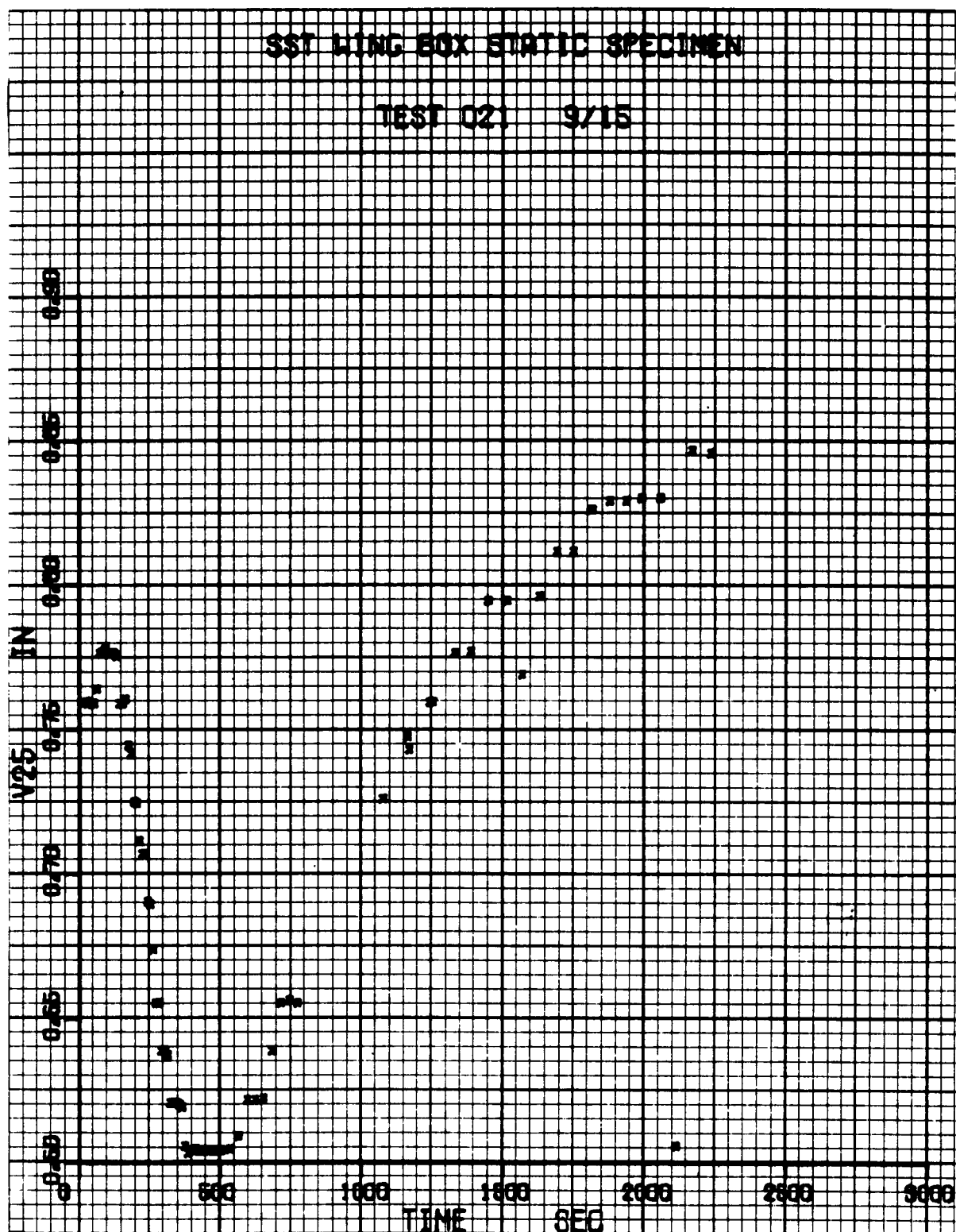
# SST WING BOX STATIC SPECIMEN

TEST 021 9/15









TEST No. 23

Jack Location W.S. 189 ; F.S. 60

Jack Load, lb 21,200

Percent of Limit 60

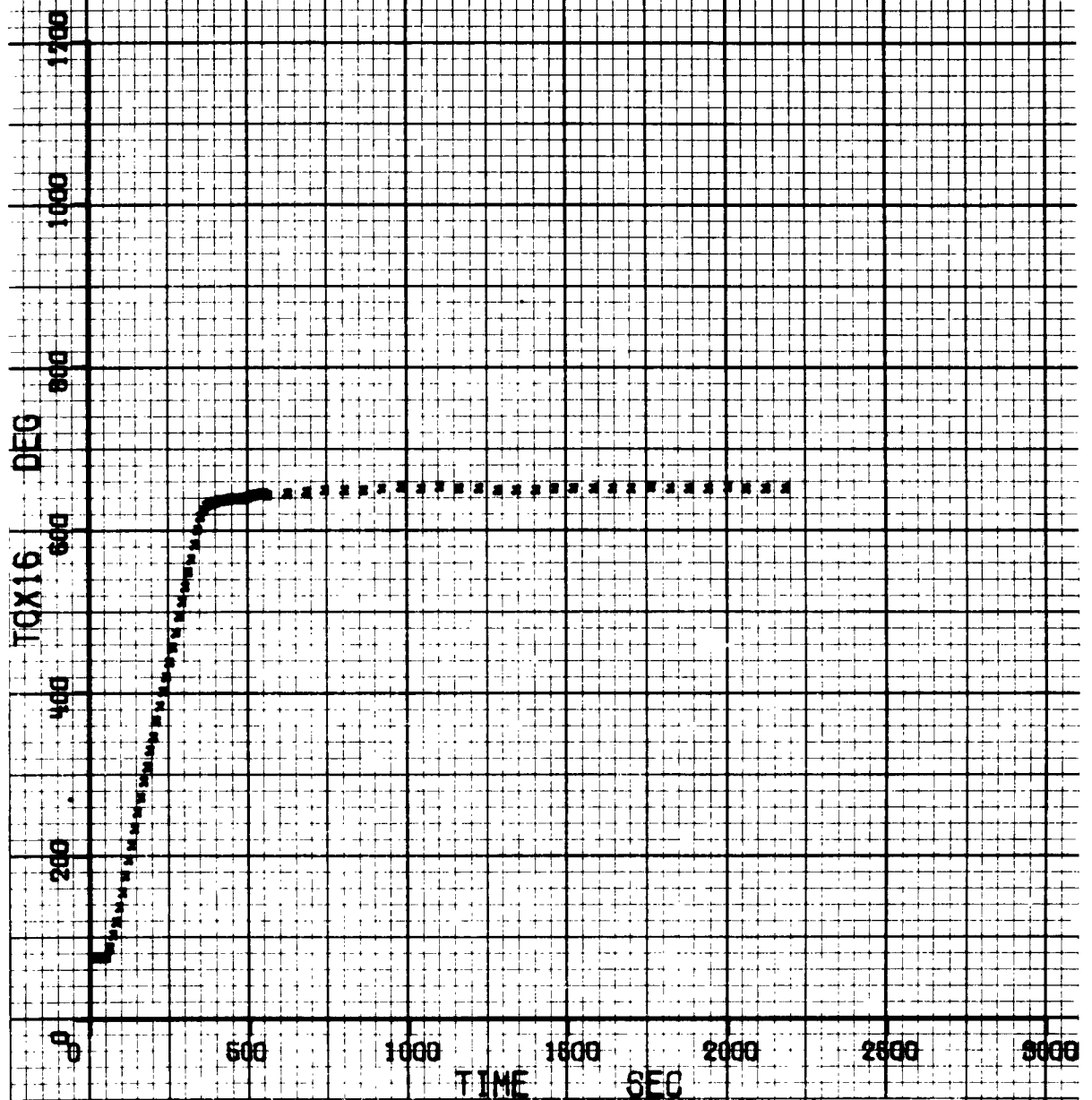
Fuel Condition Tanks EMPTY

Tank Pressure, psi 0

Maximum Surface Temperature, °F 650

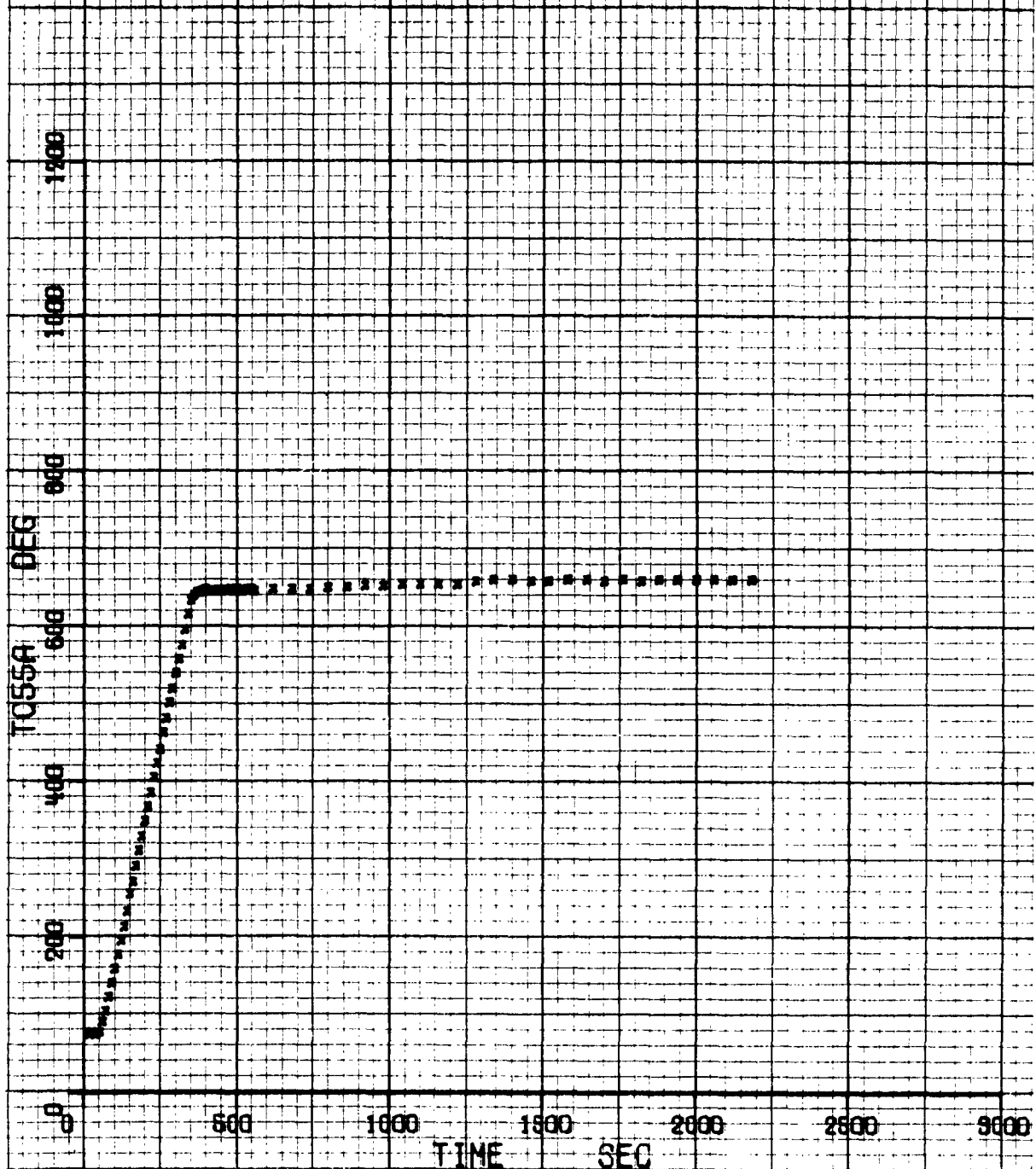
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



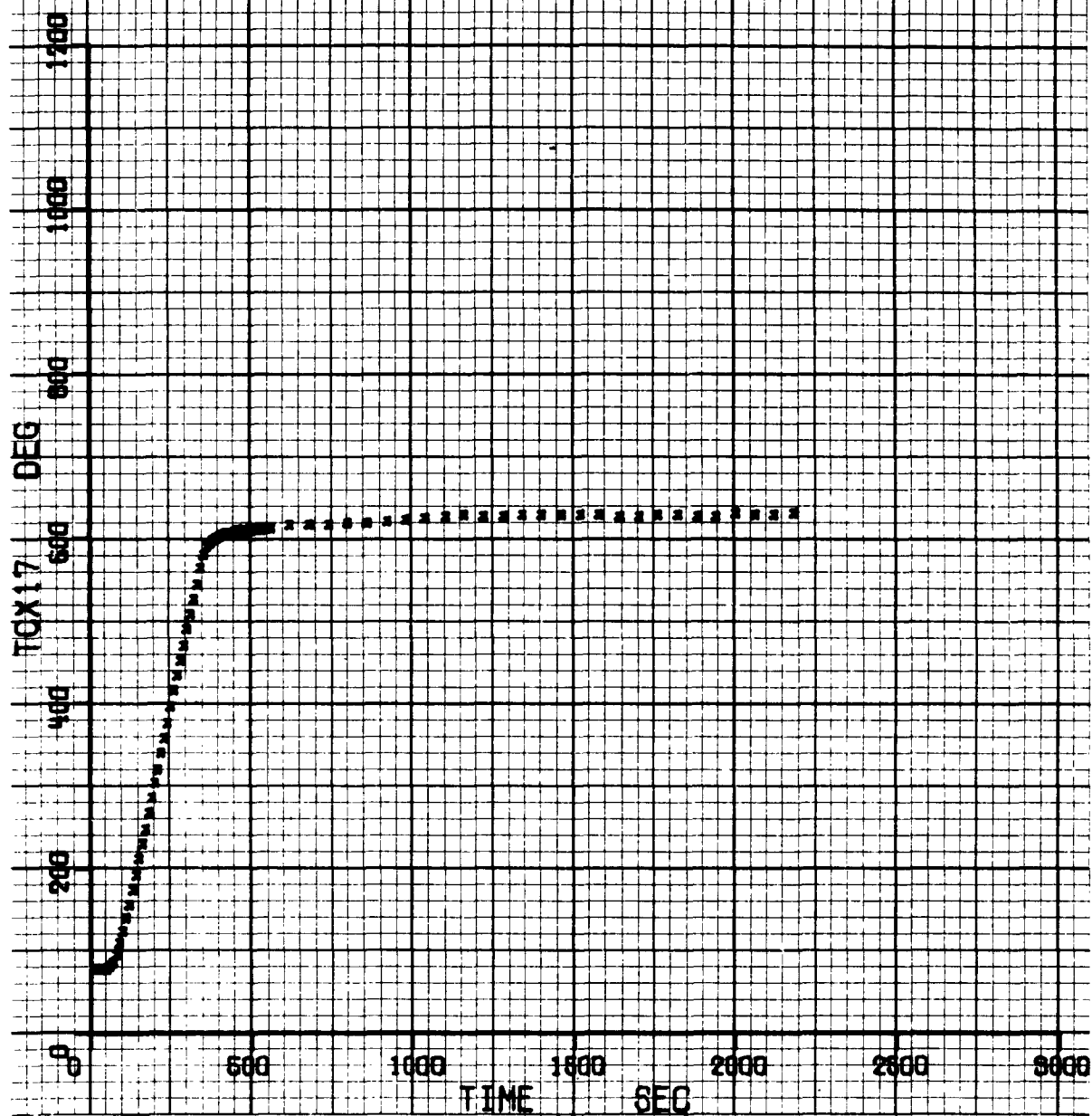
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



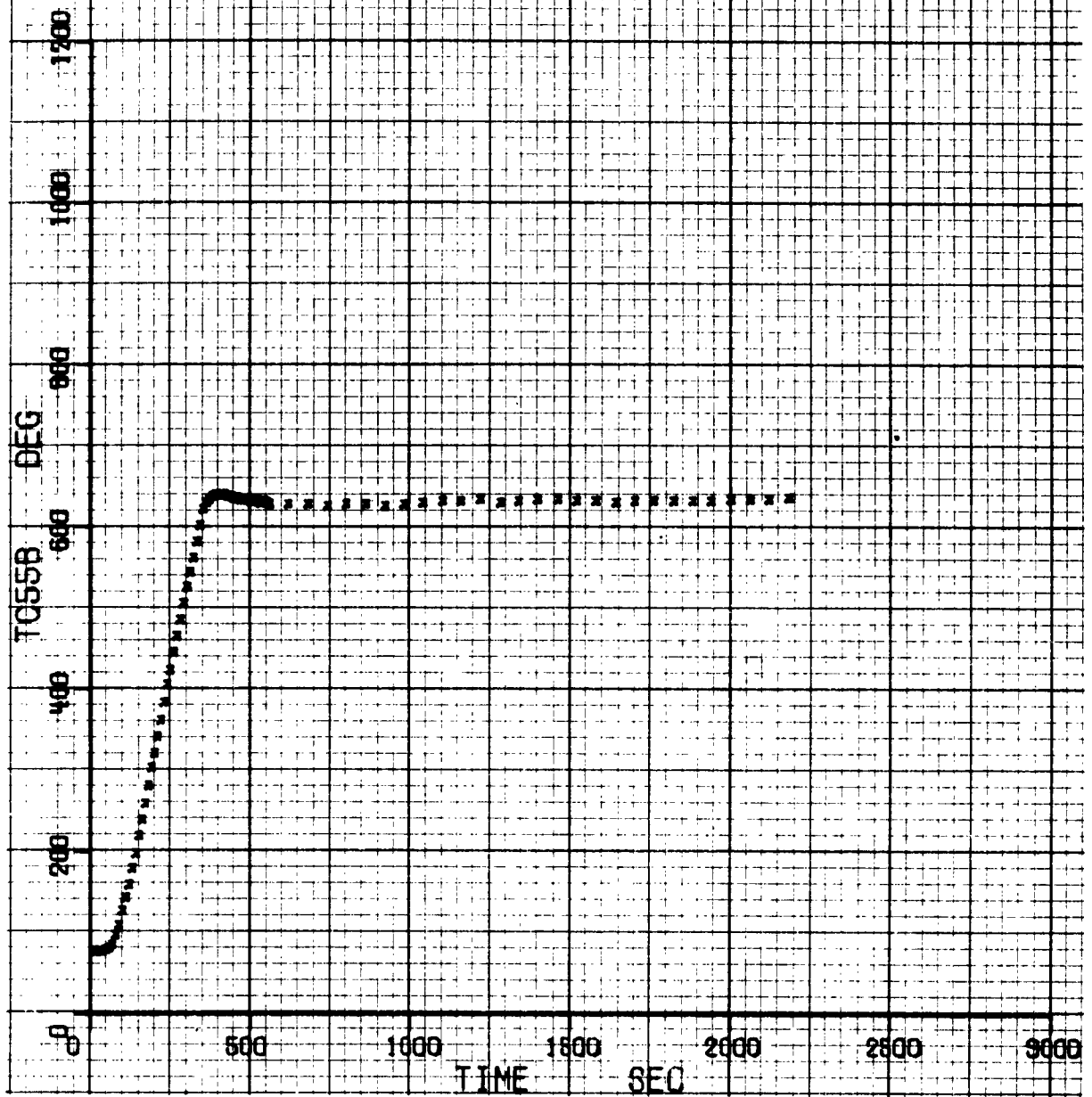
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



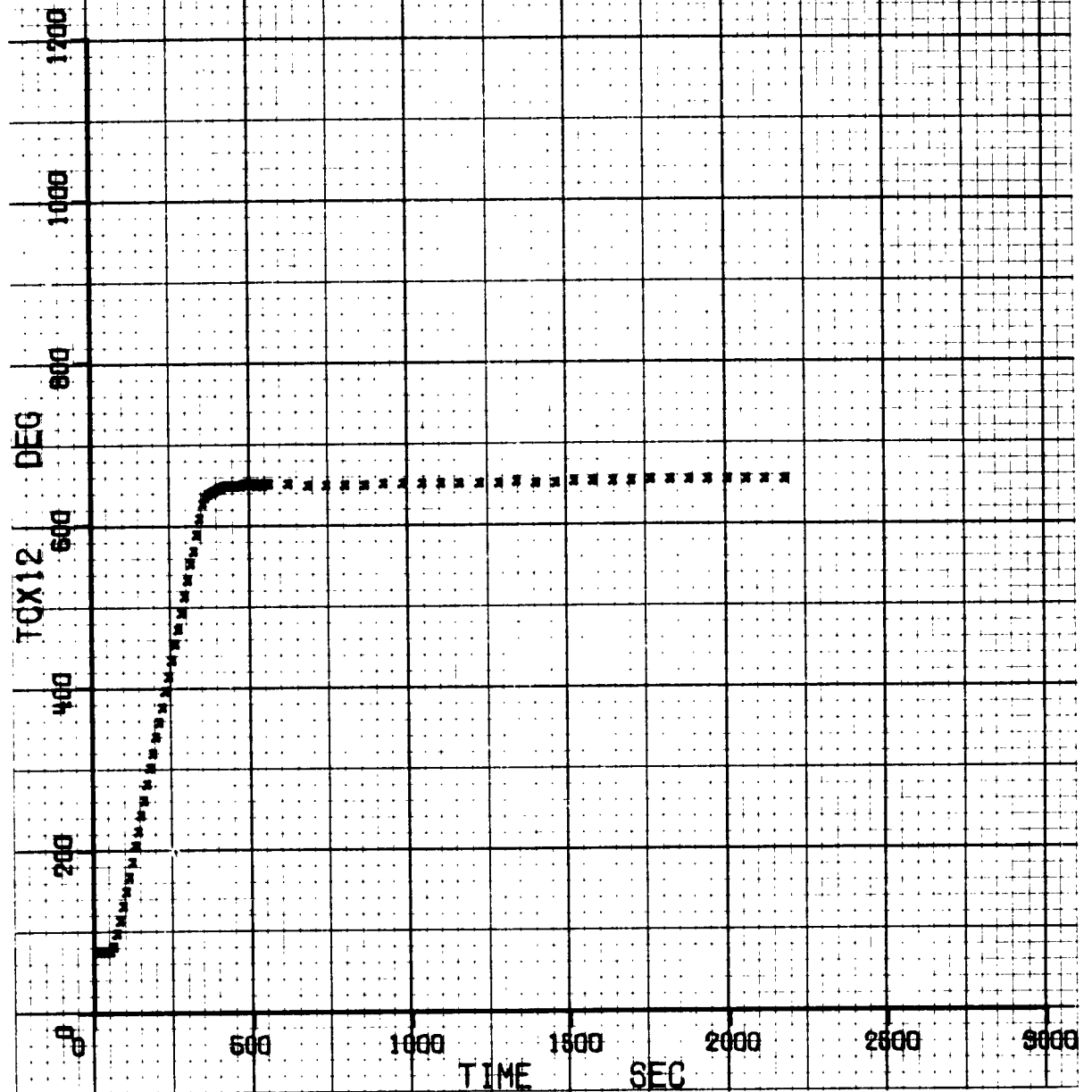
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



# SST WING BOX STATIC SPECIMEN

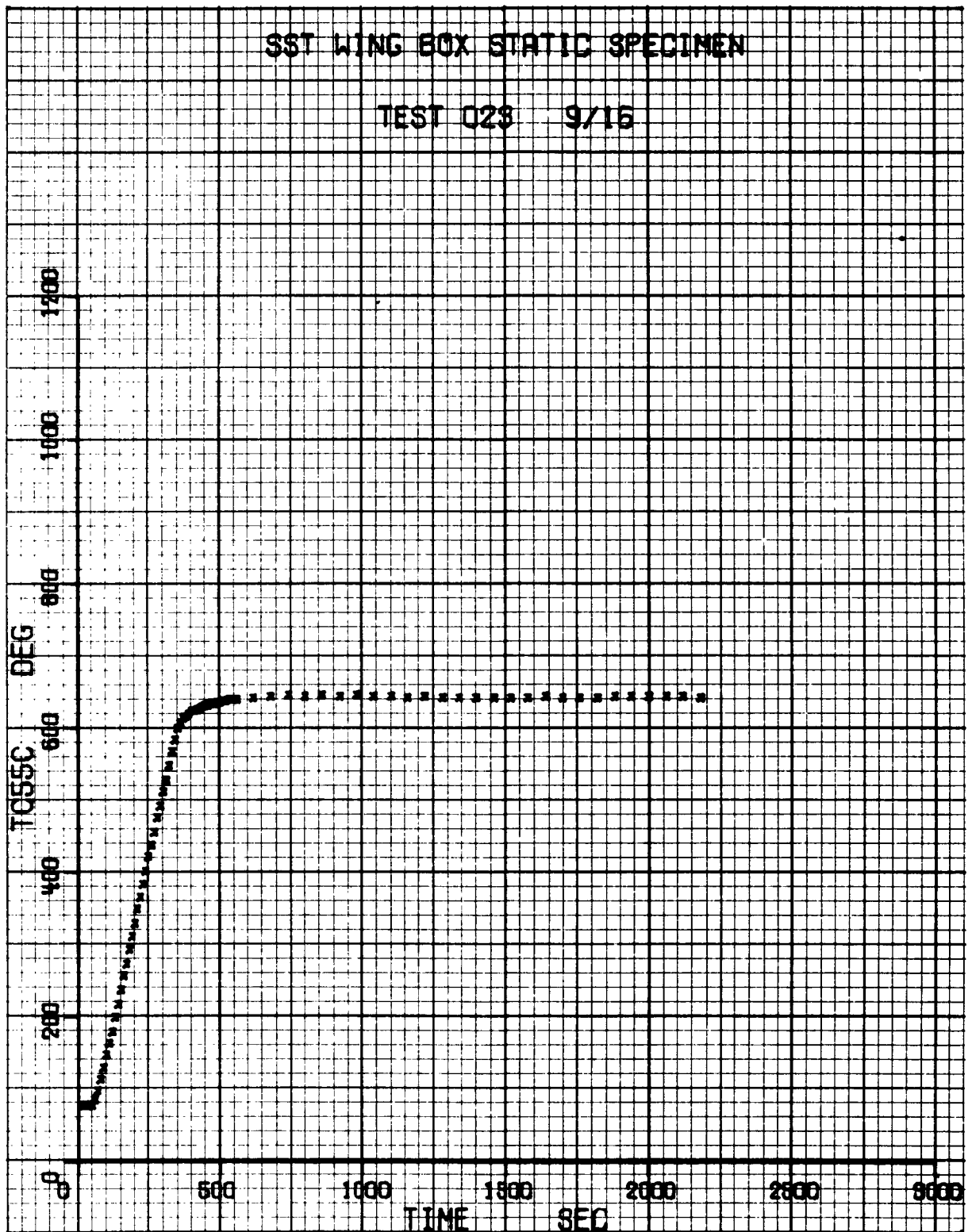
TEST 028 9/16





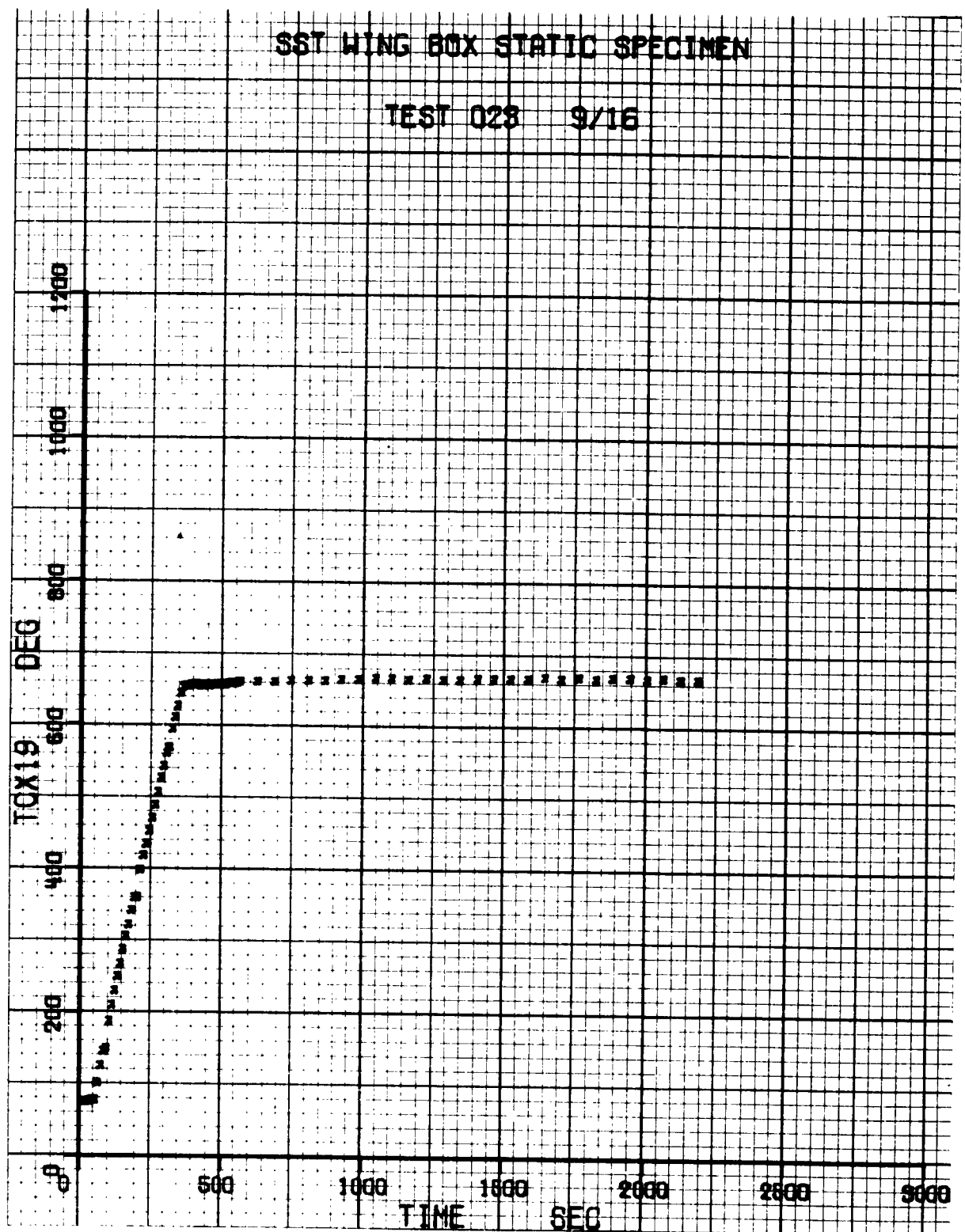
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



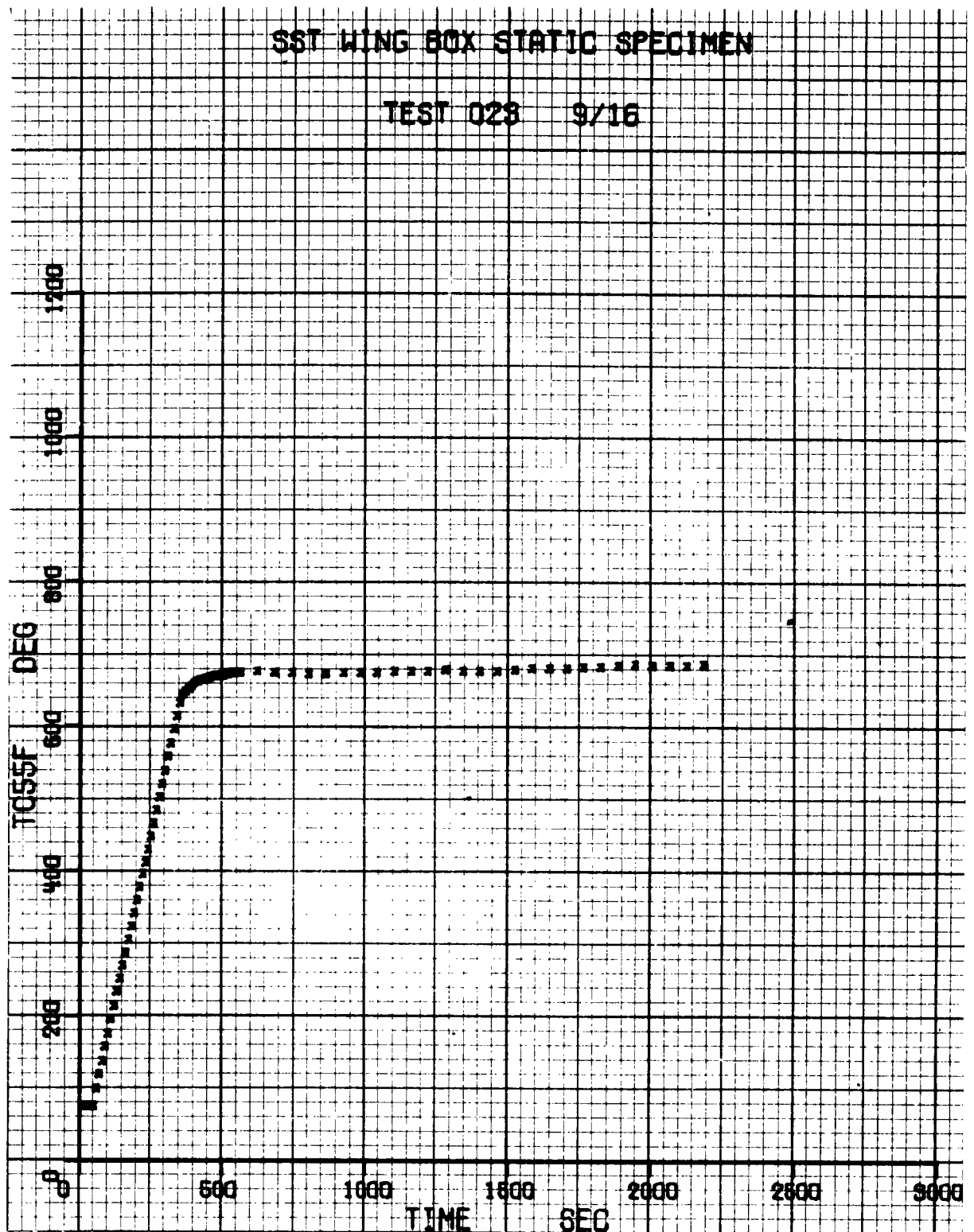
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



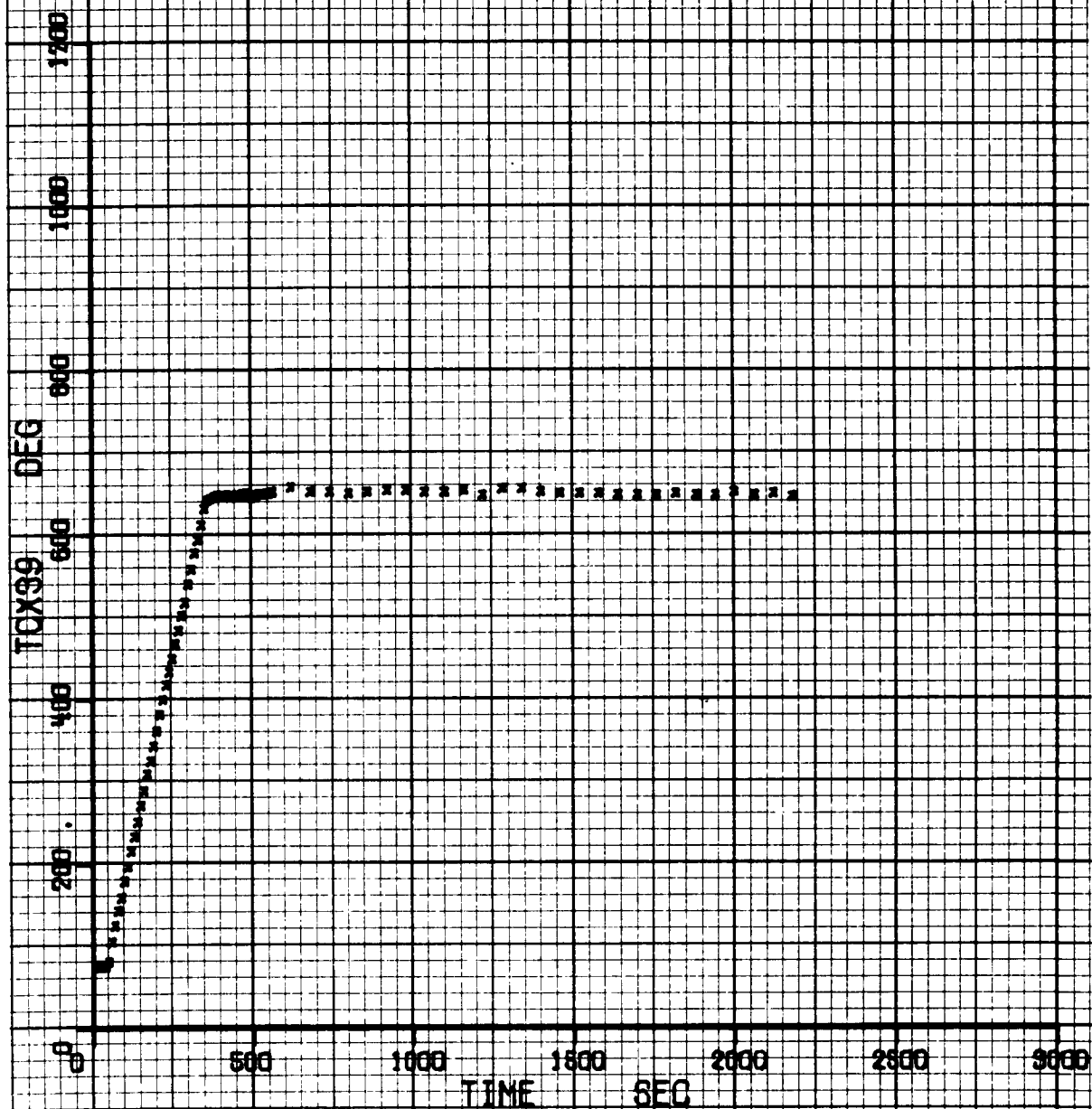
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



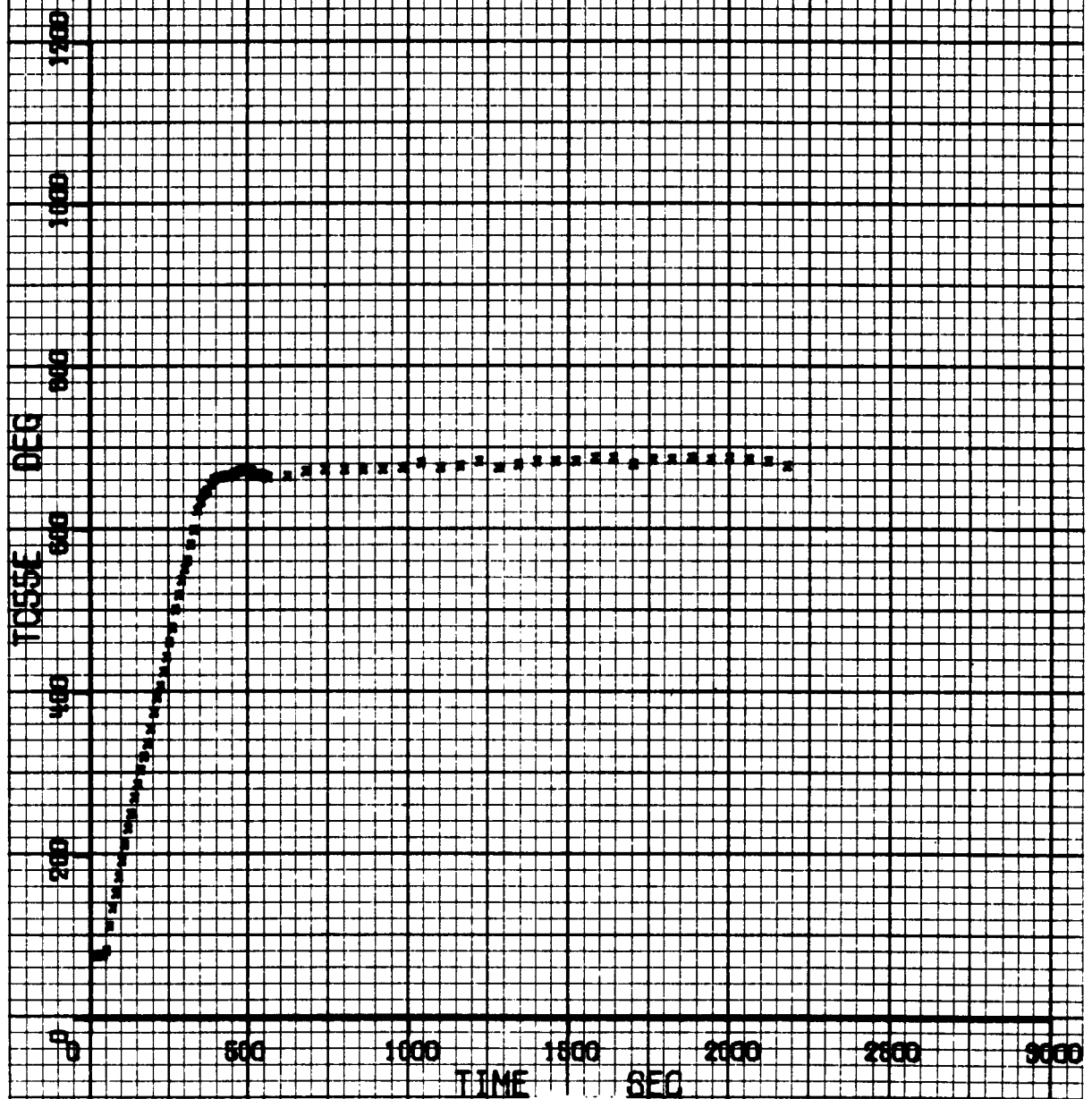
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



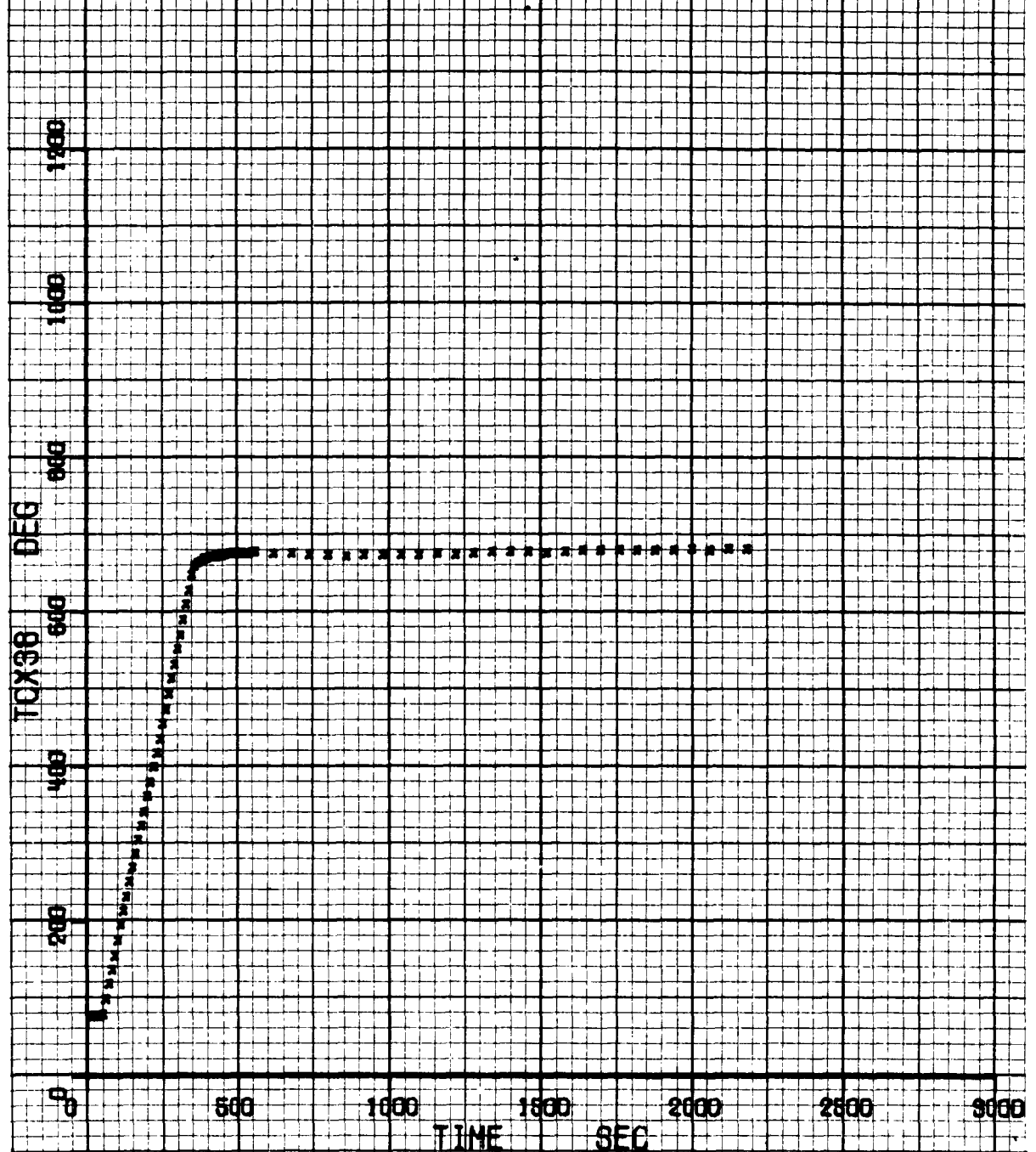
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



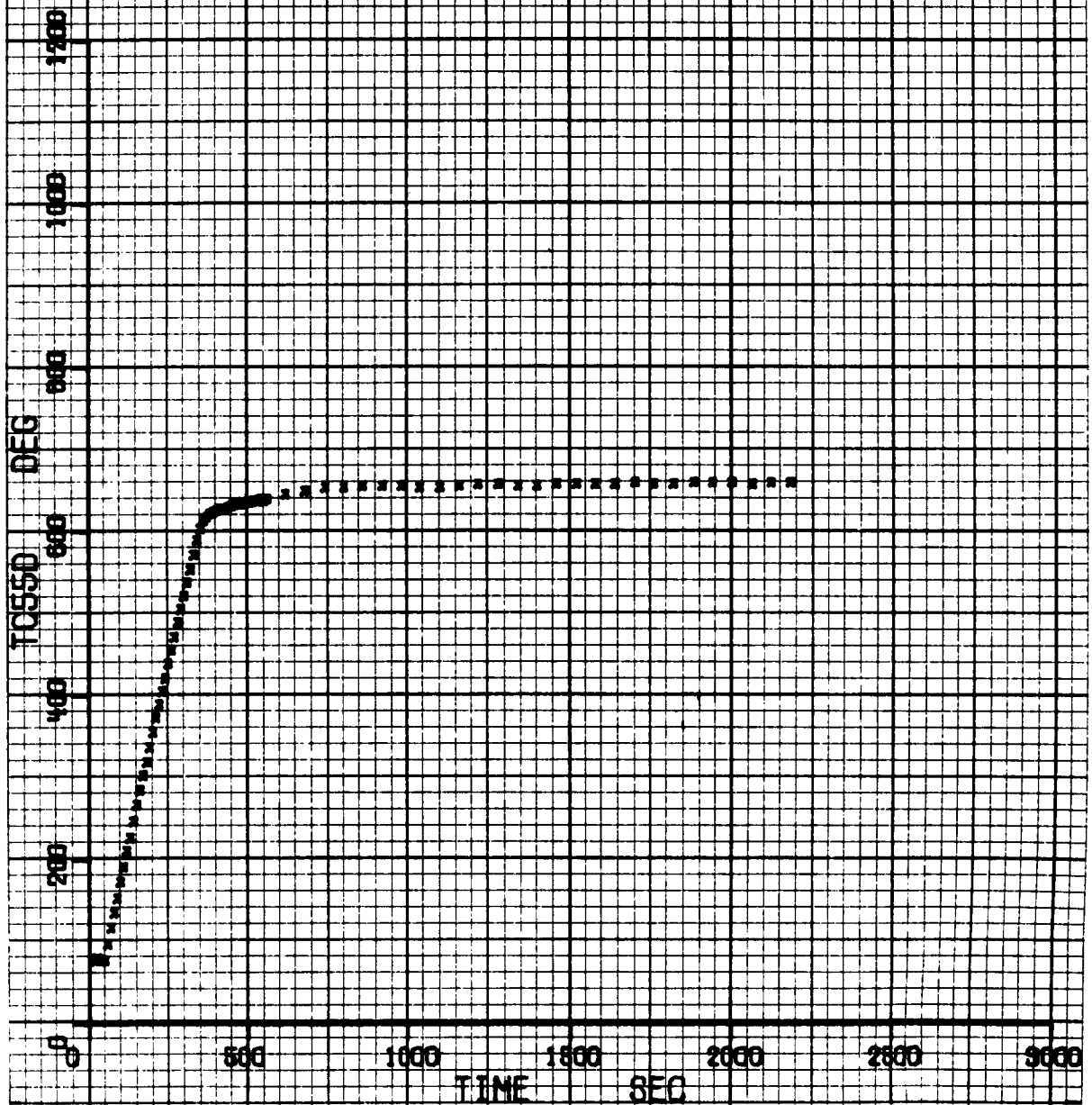
# SST WING BOX STATIC SPECIMEN

TEST Q23 9/16



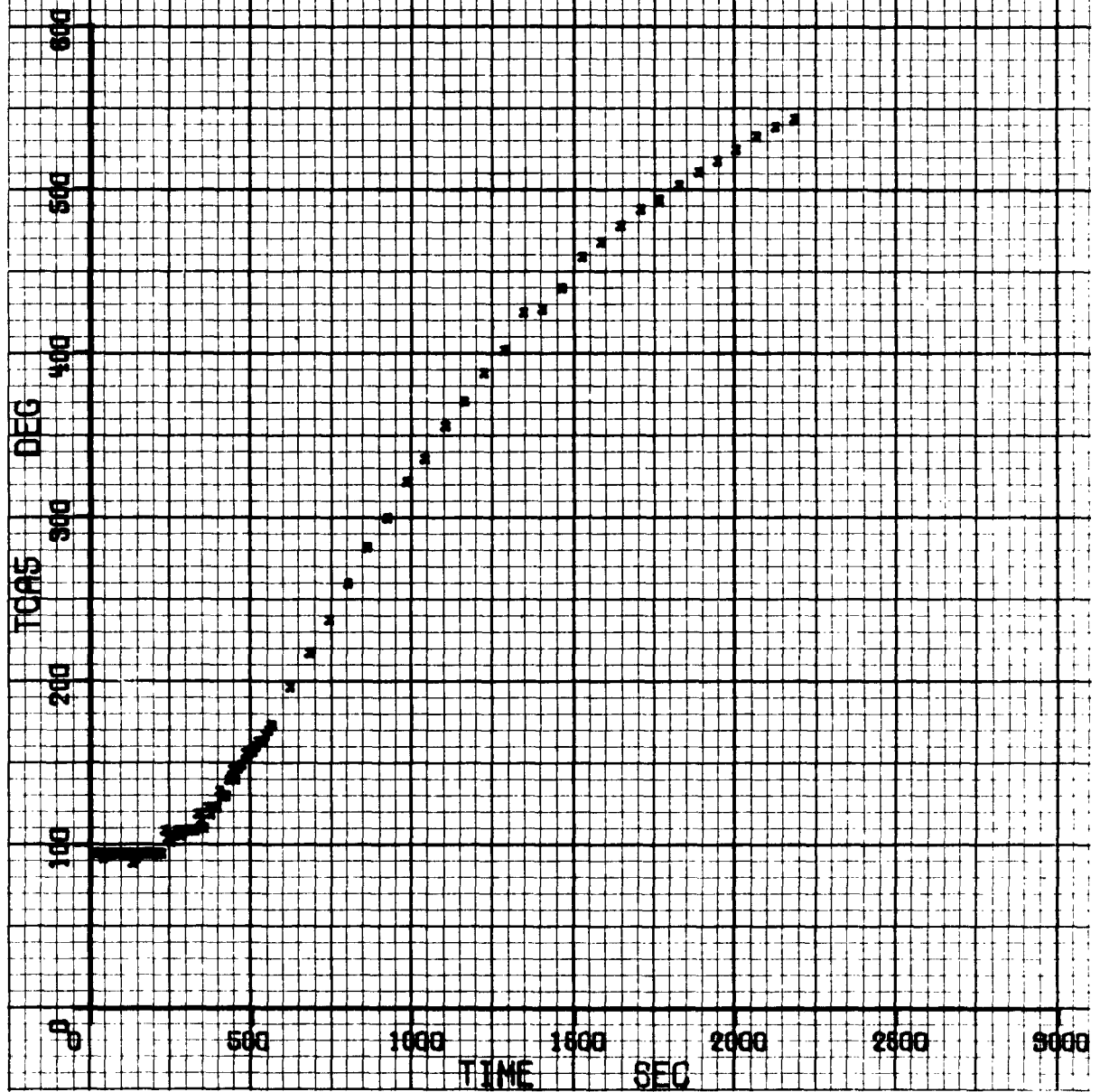
# SST WING BOX STATIC SPECIMEN

TEST 028 9/15



# SST WING BOX STATIC SPECIMEN

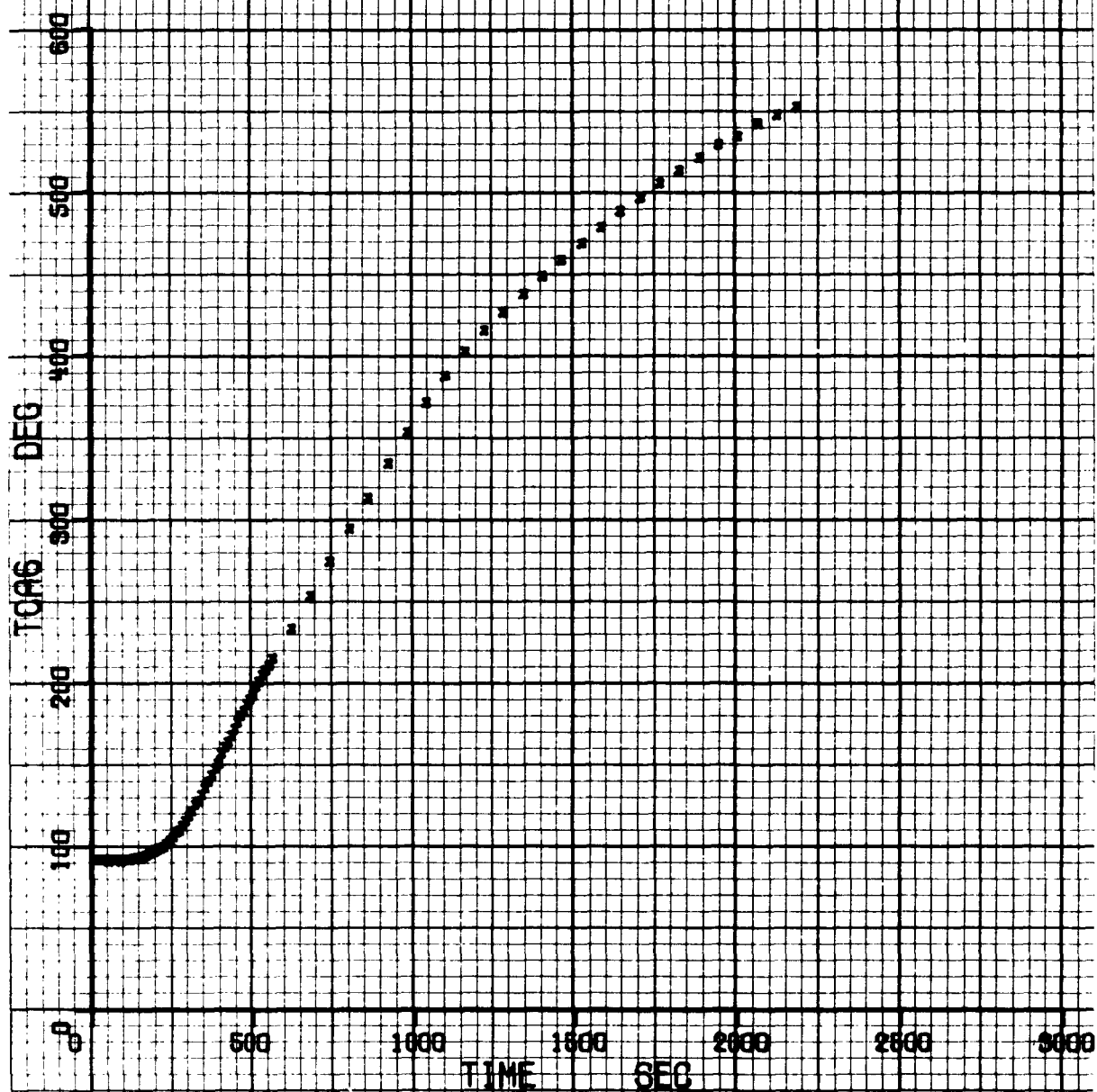
TEST 028 9/16





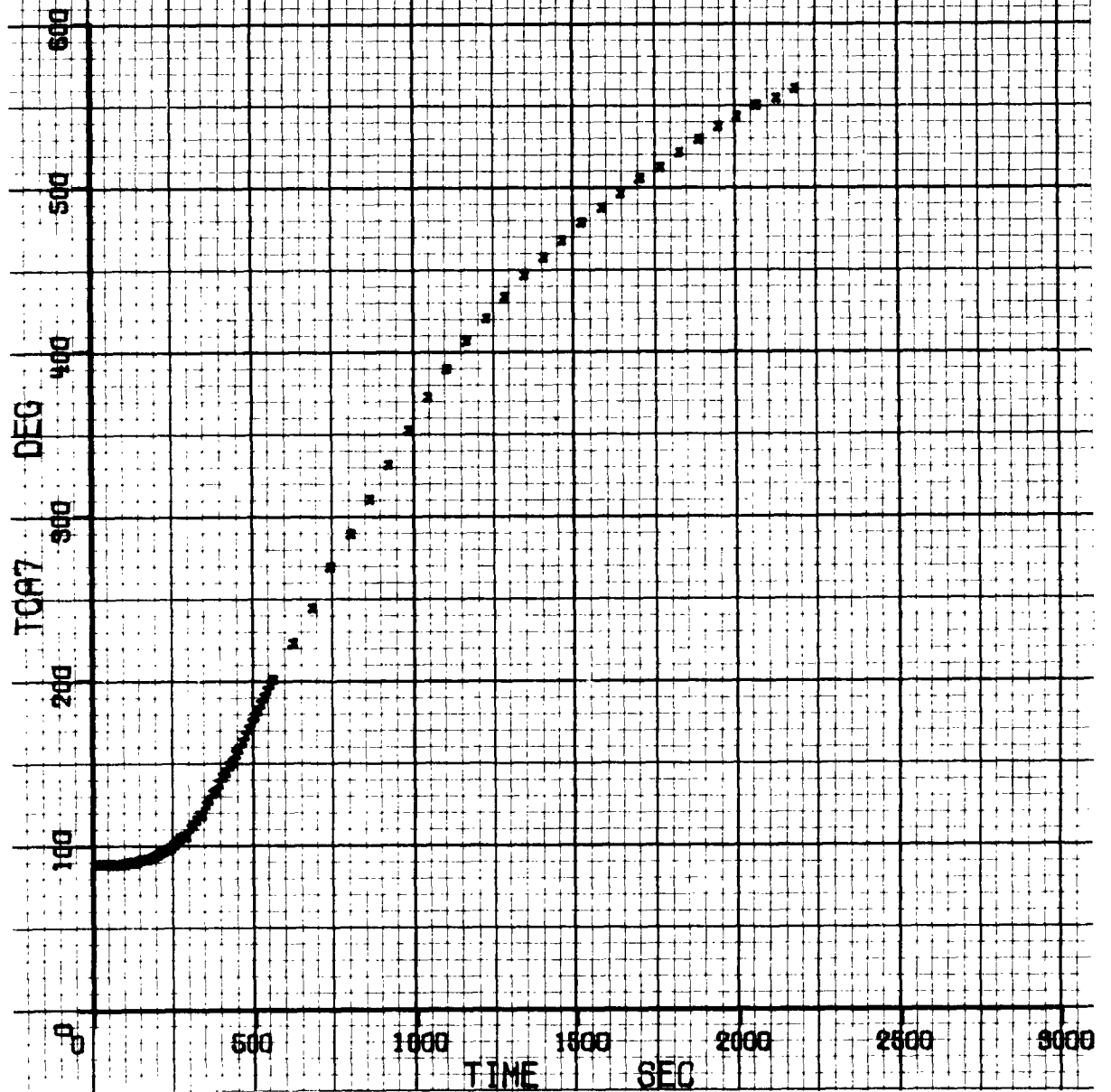
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



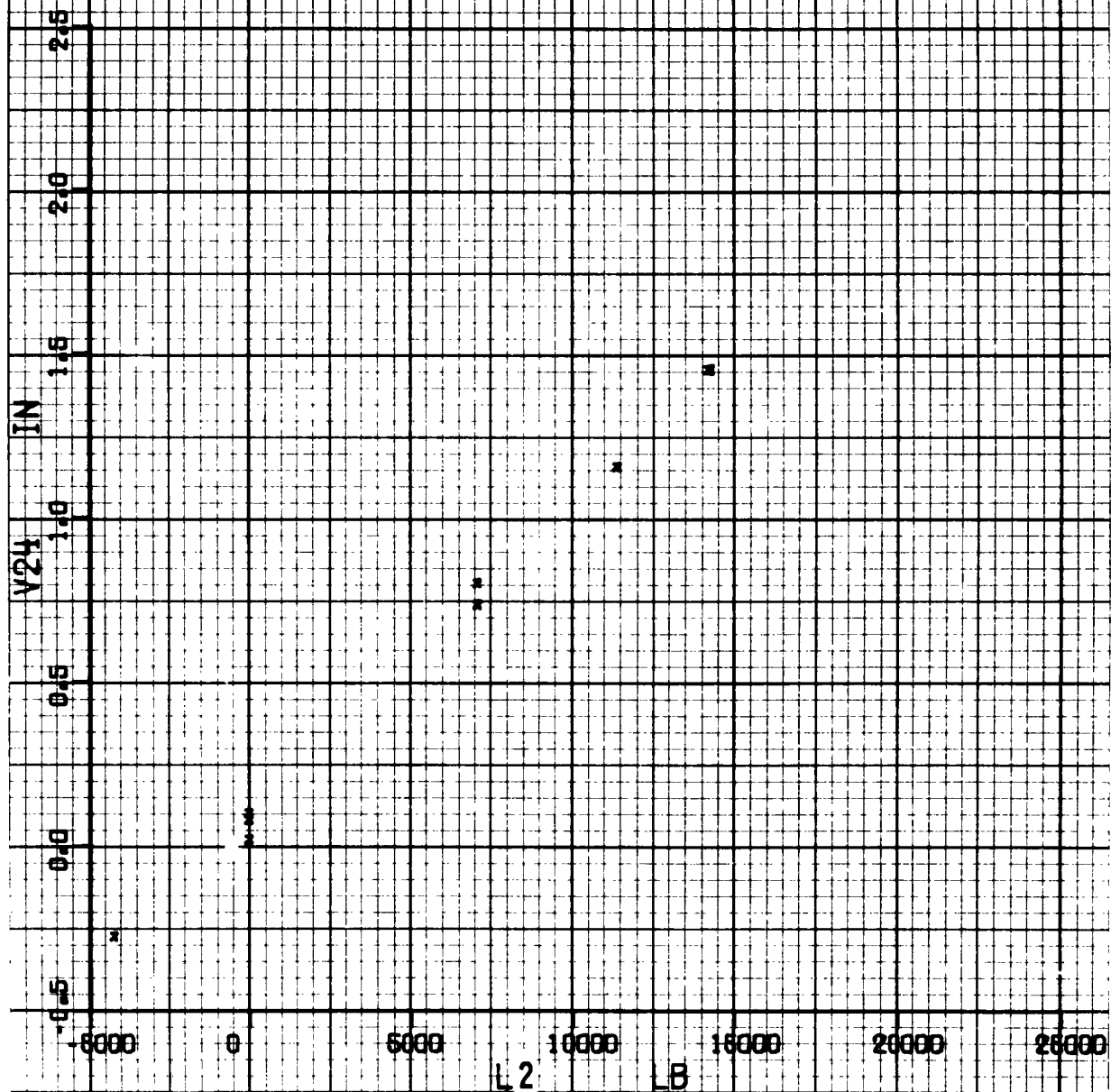
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



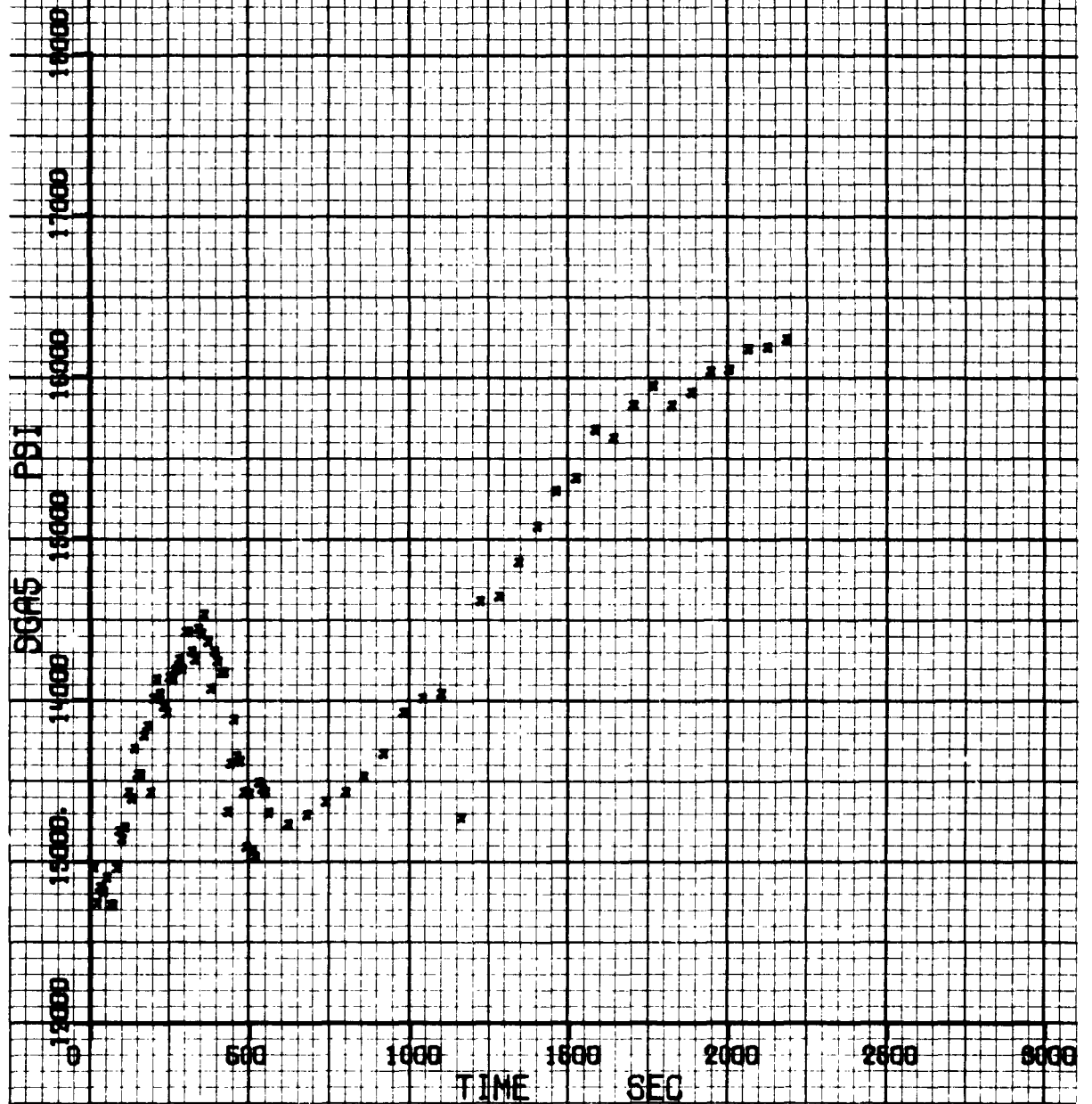
# SST WING BOX STATIC SPECIMEN

TEST 019 7/6



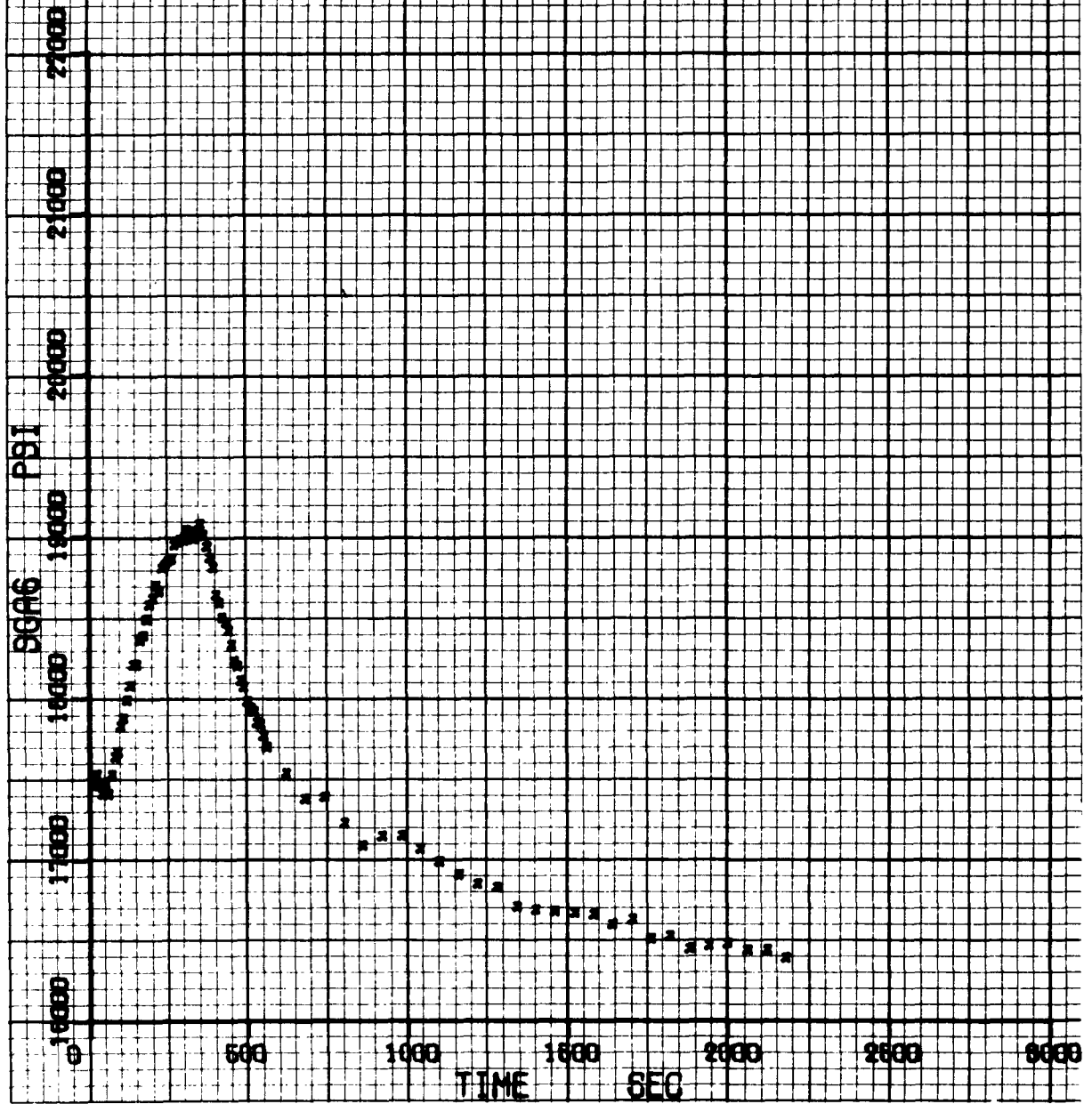
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



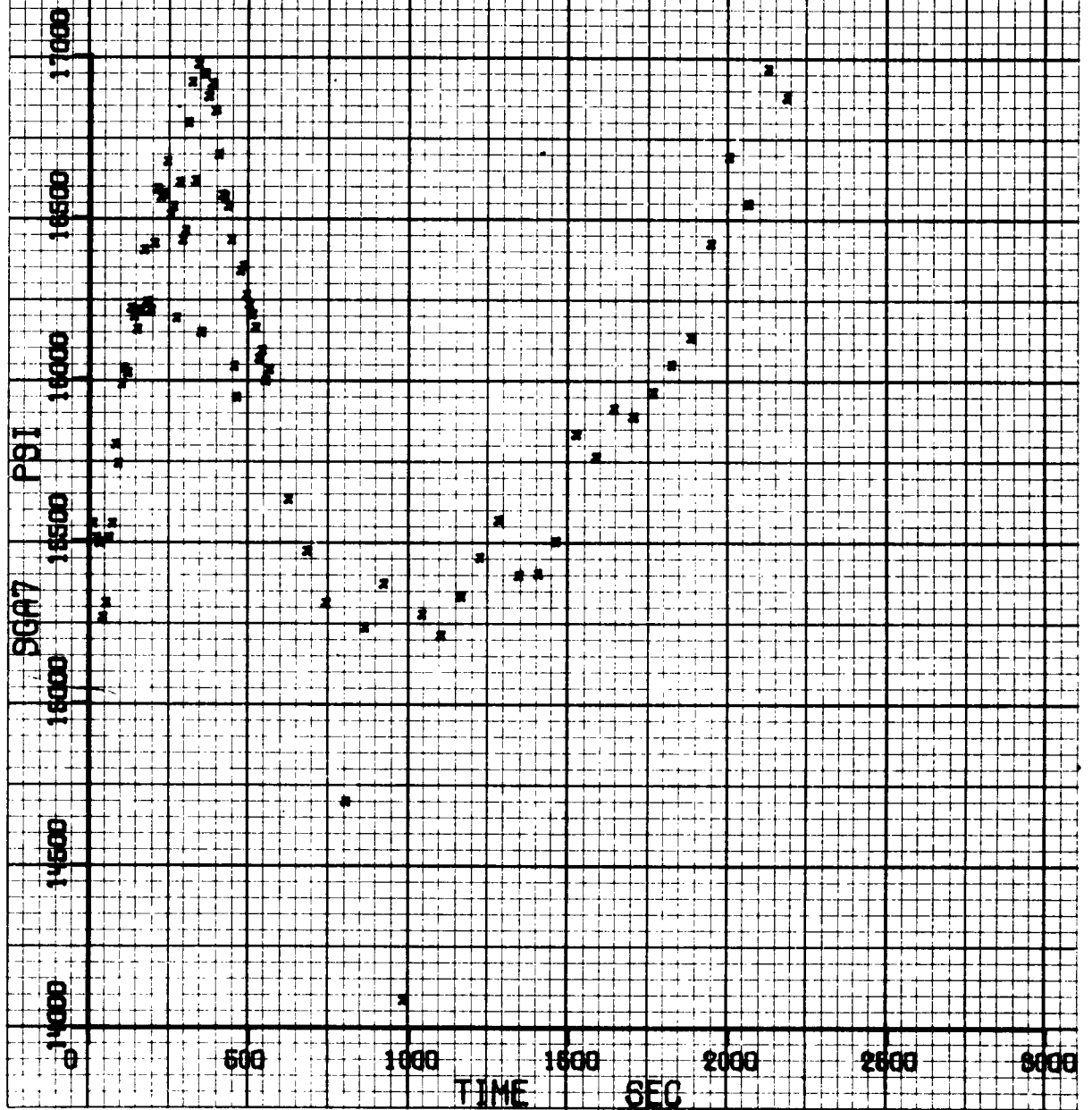
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



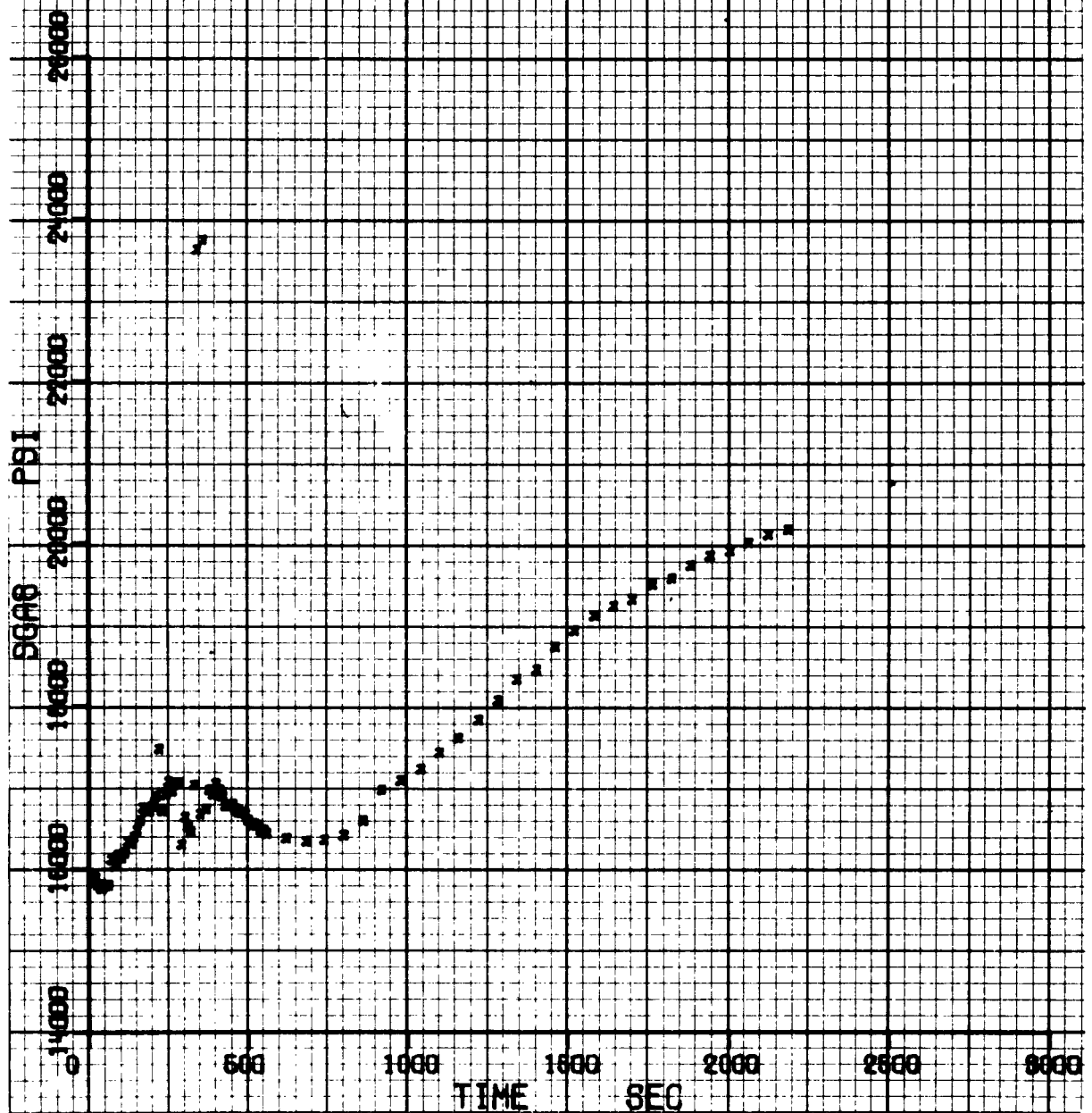
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



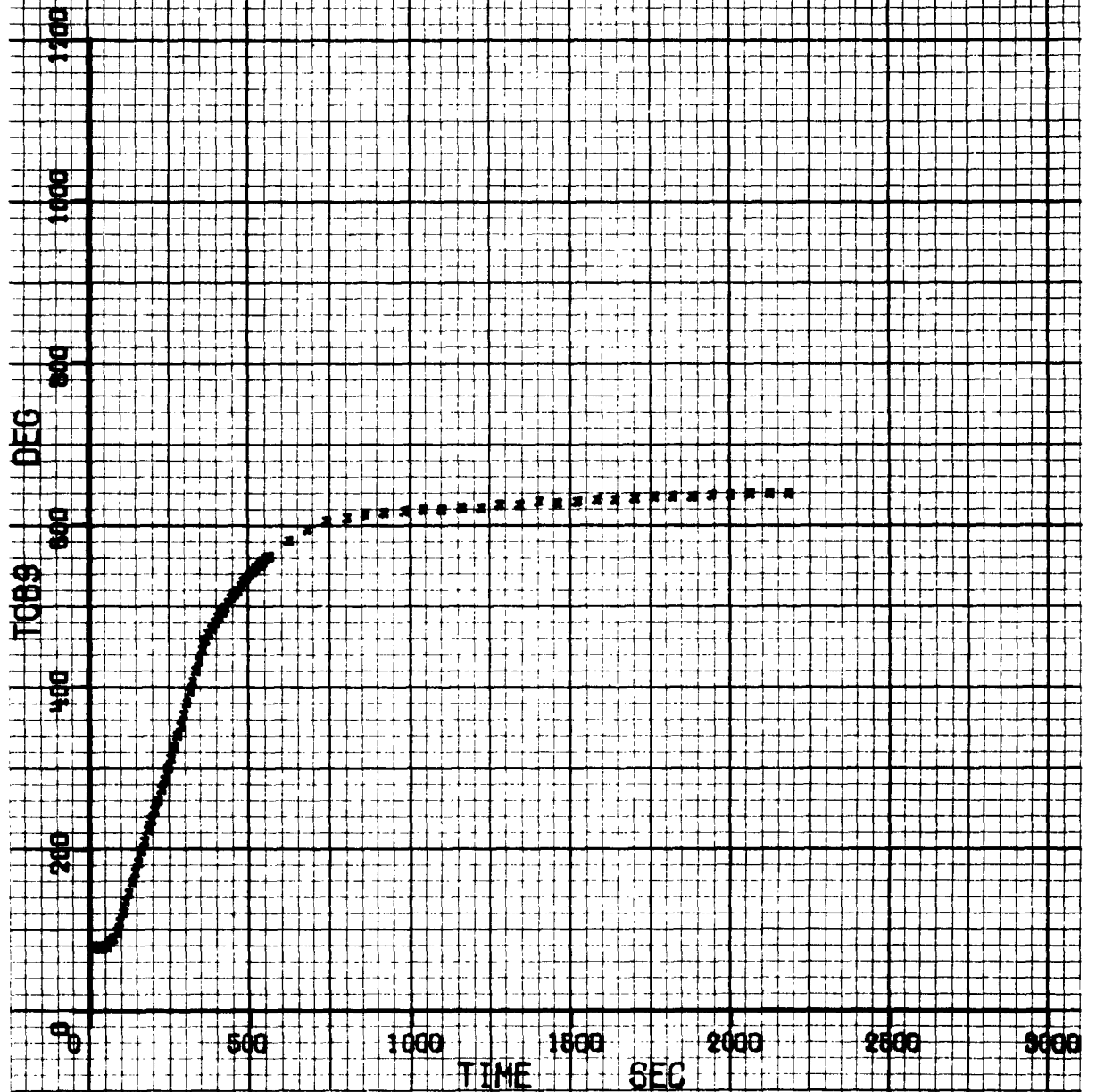
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



# SST WING BOX STATIC SPECIMEN

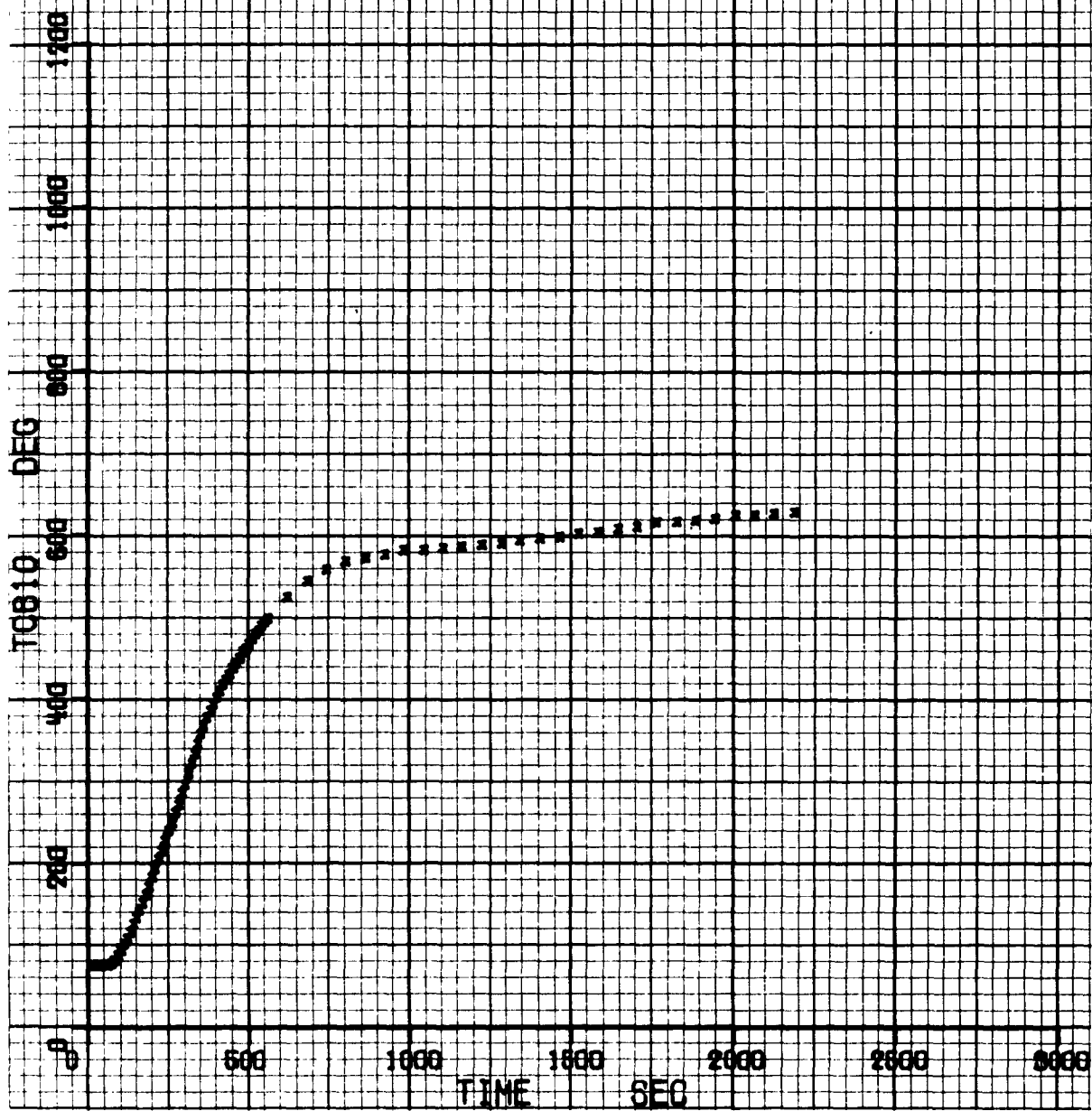
TEST 028 9/16





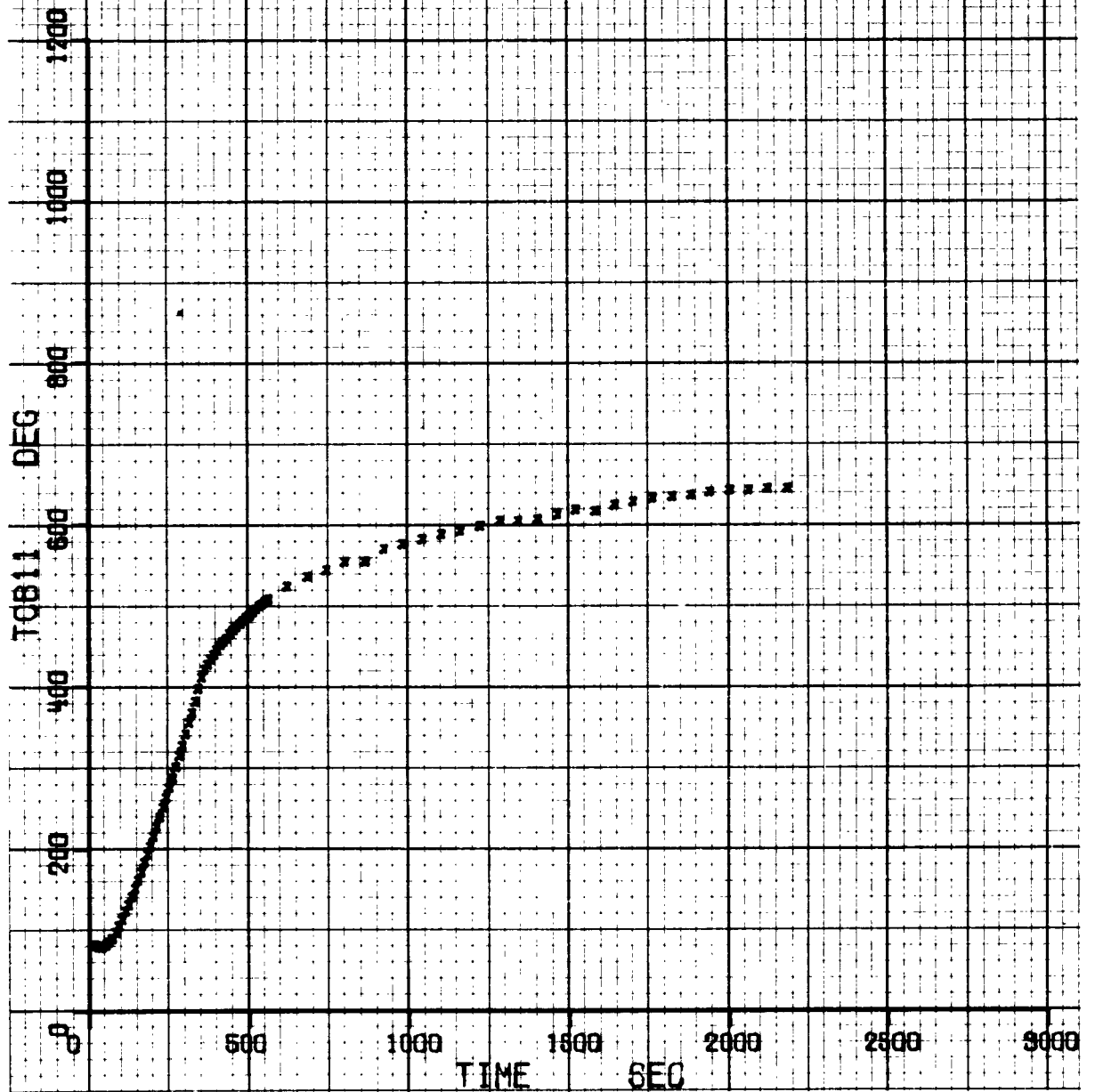
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



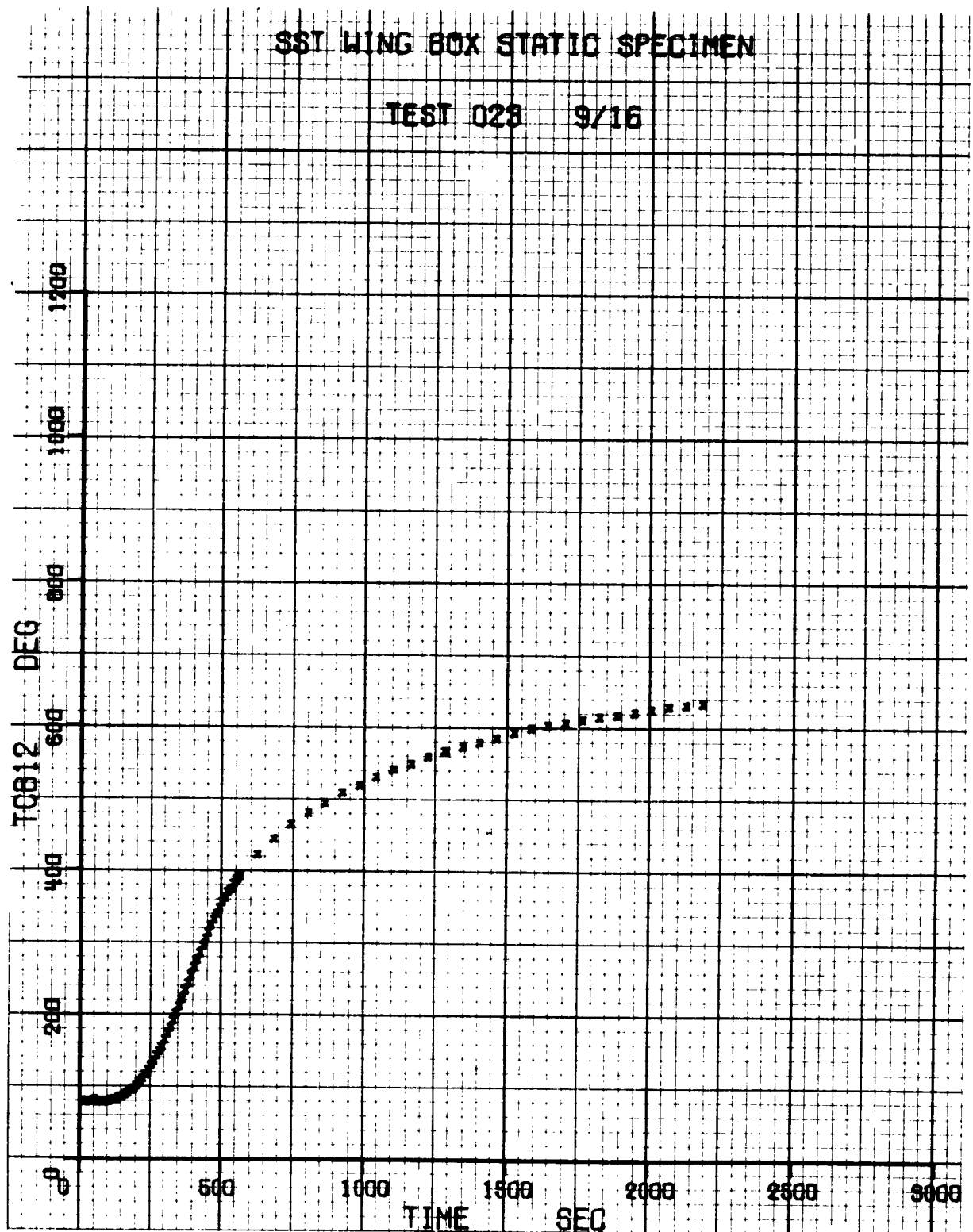
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



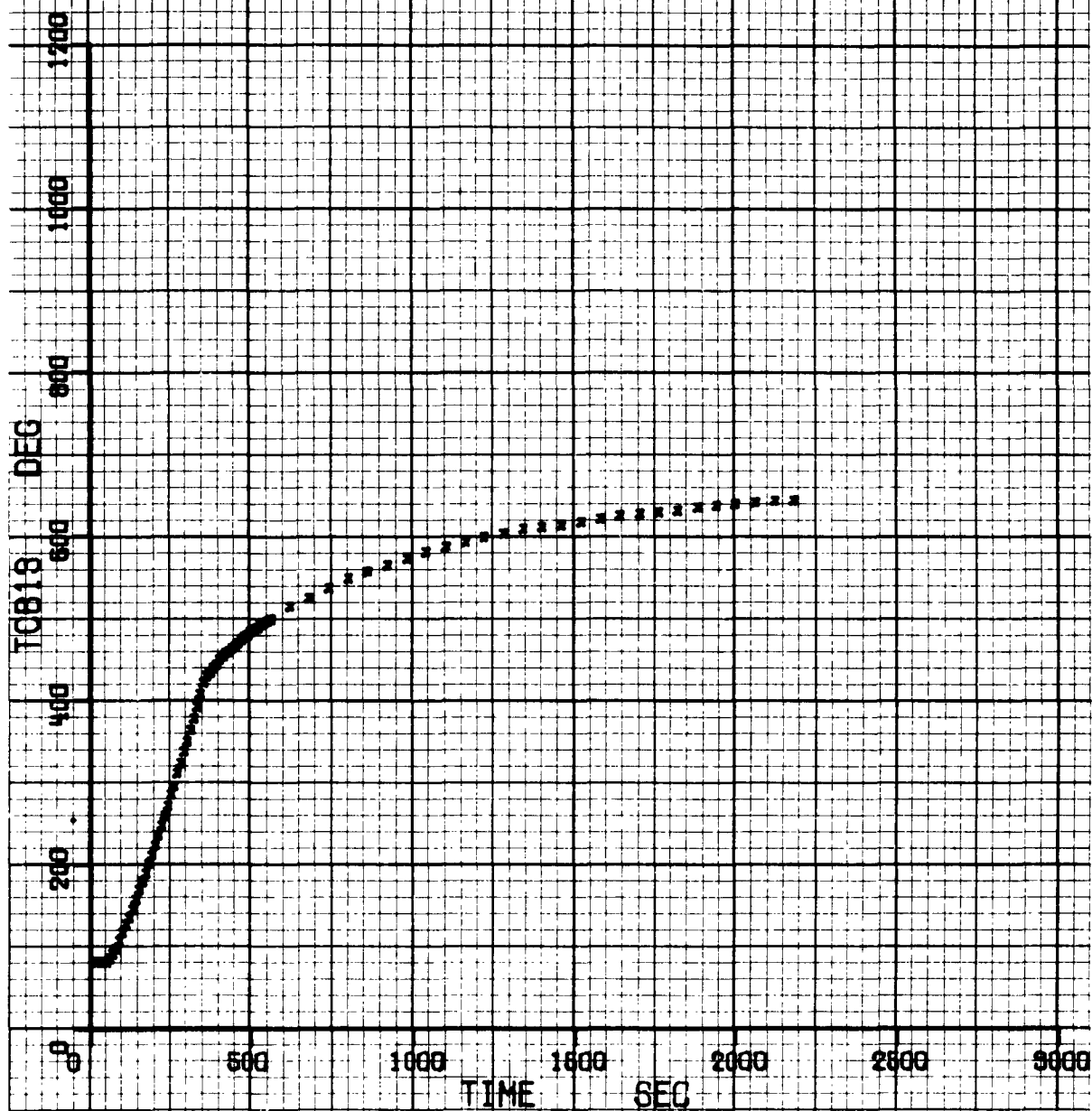
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



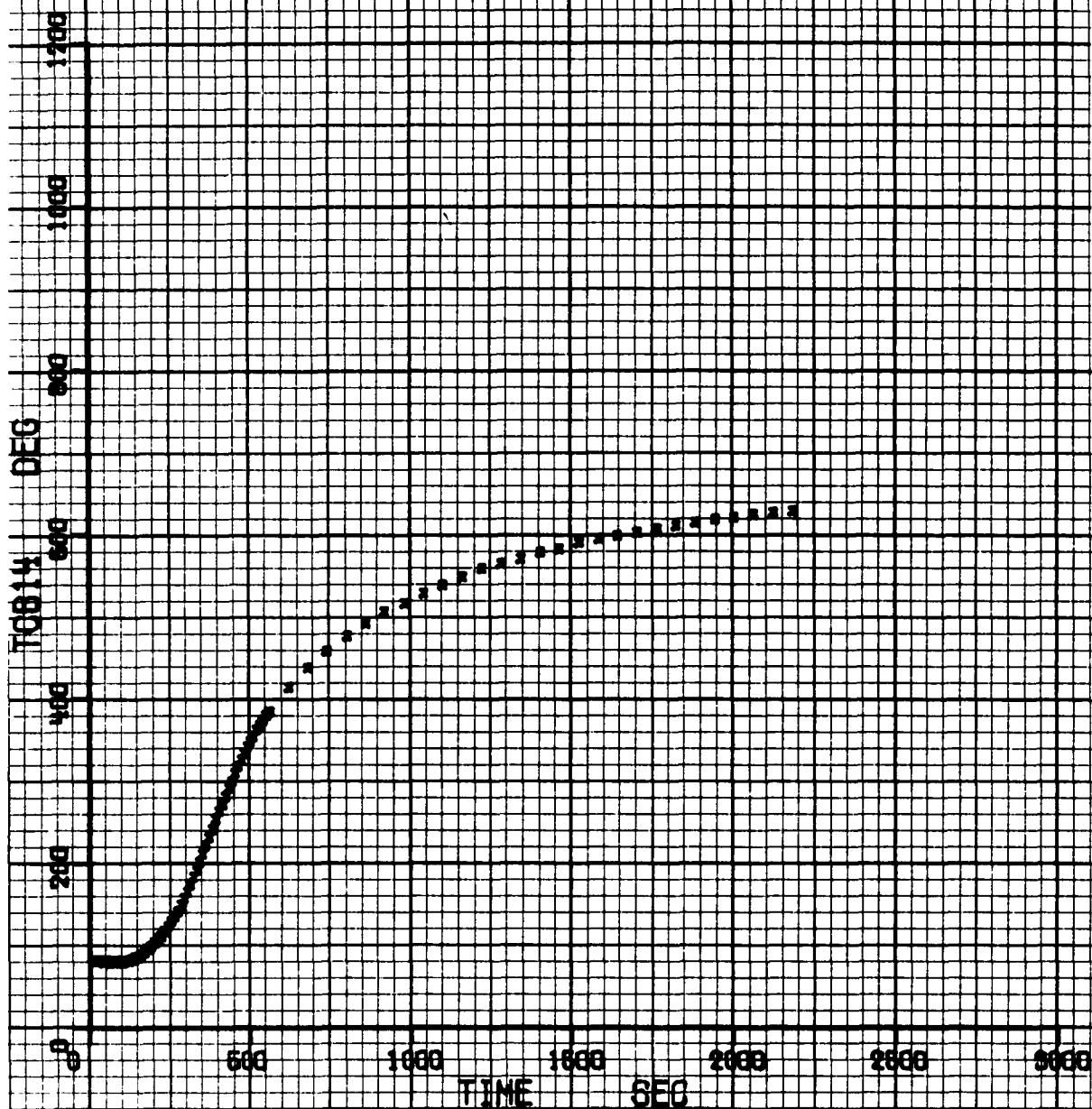
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



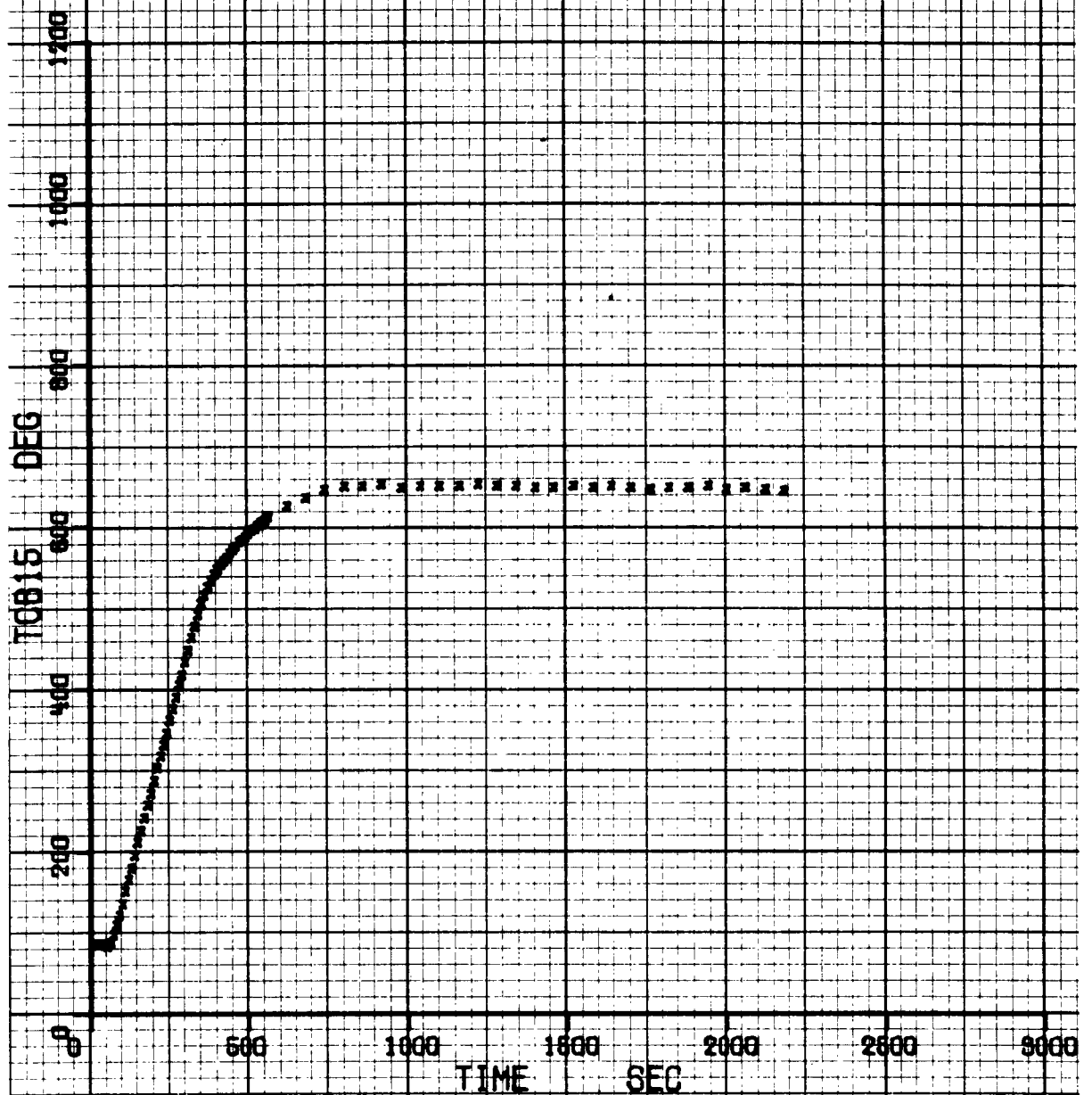
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



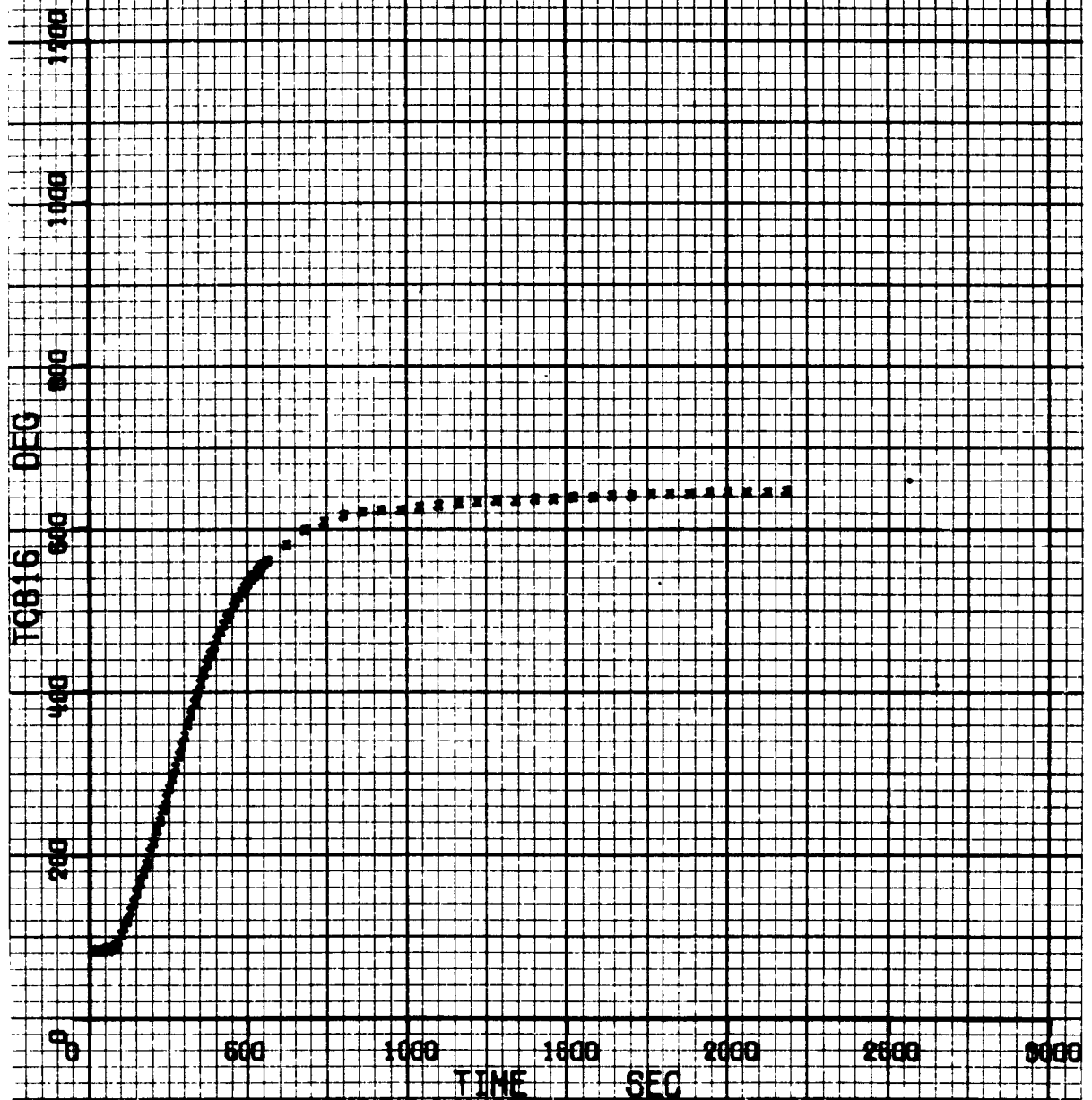
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



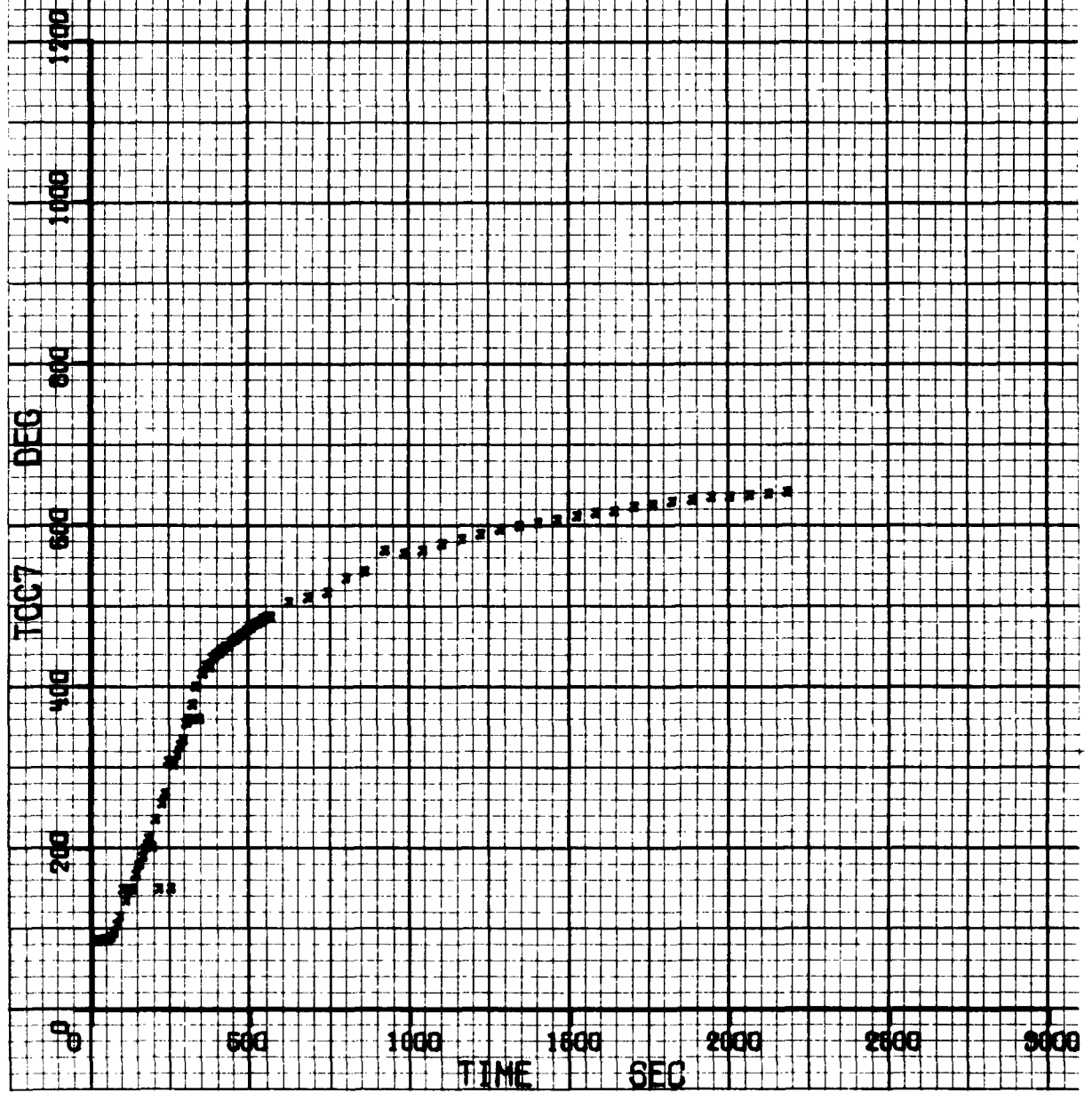
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

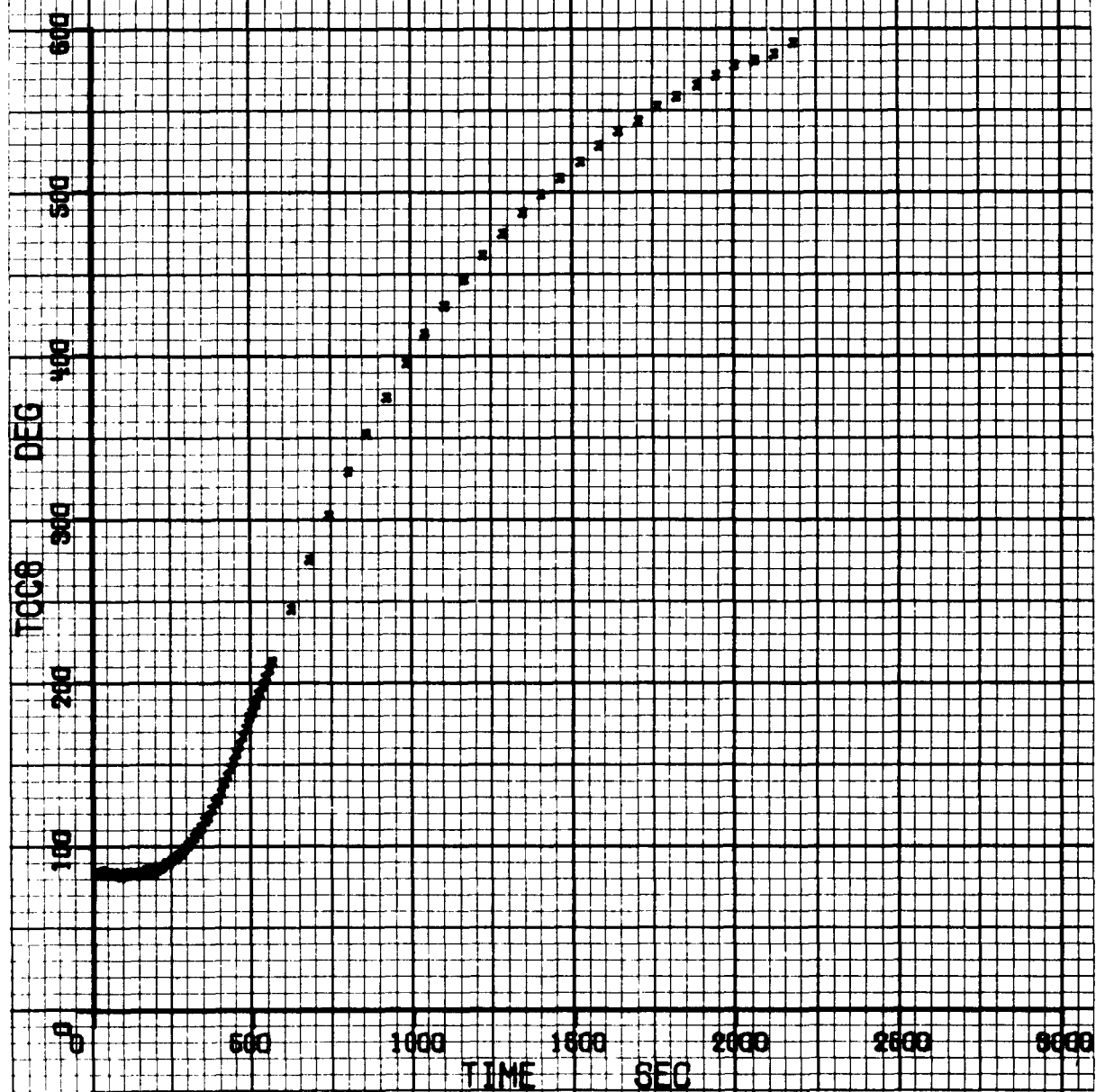
TEST 028 9/16





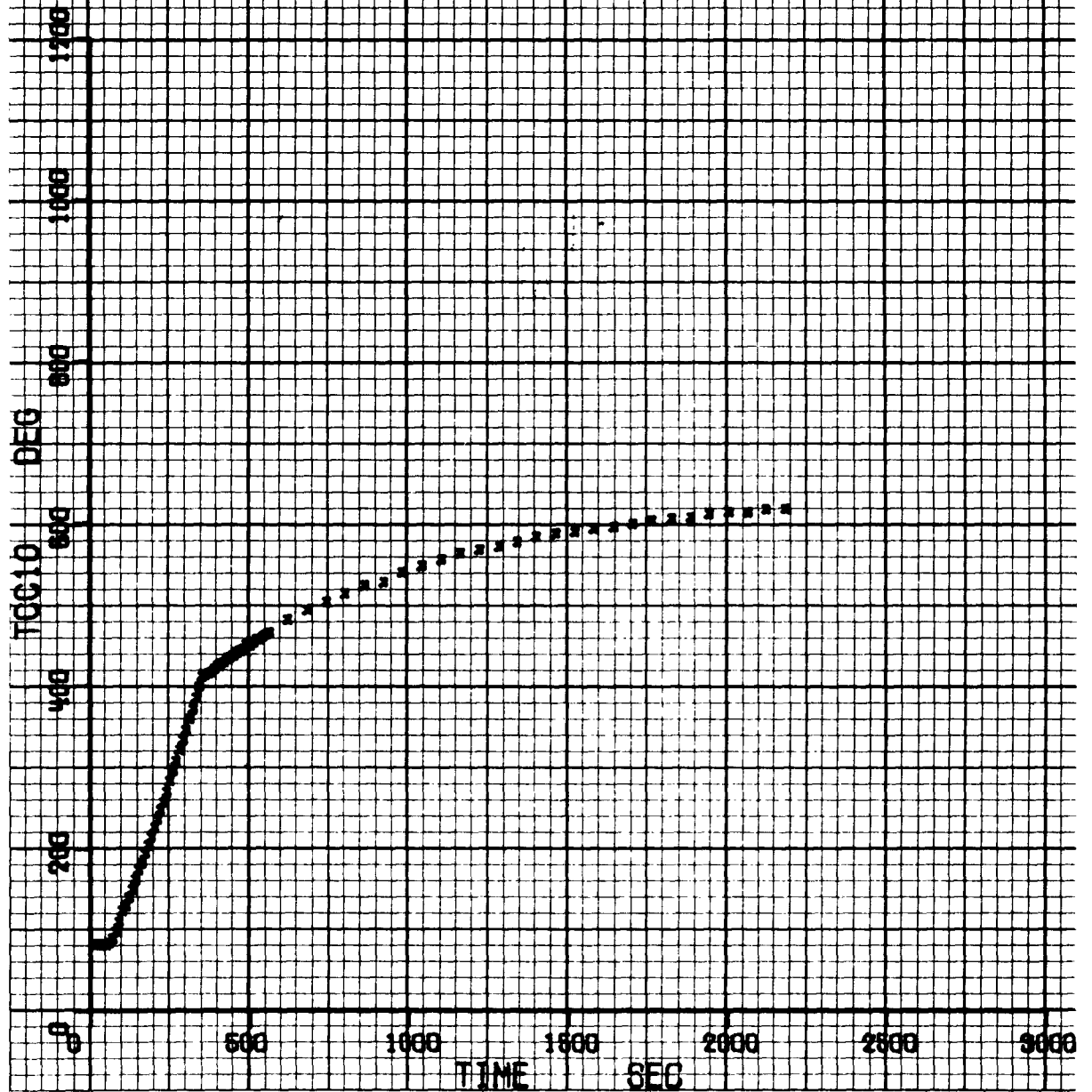
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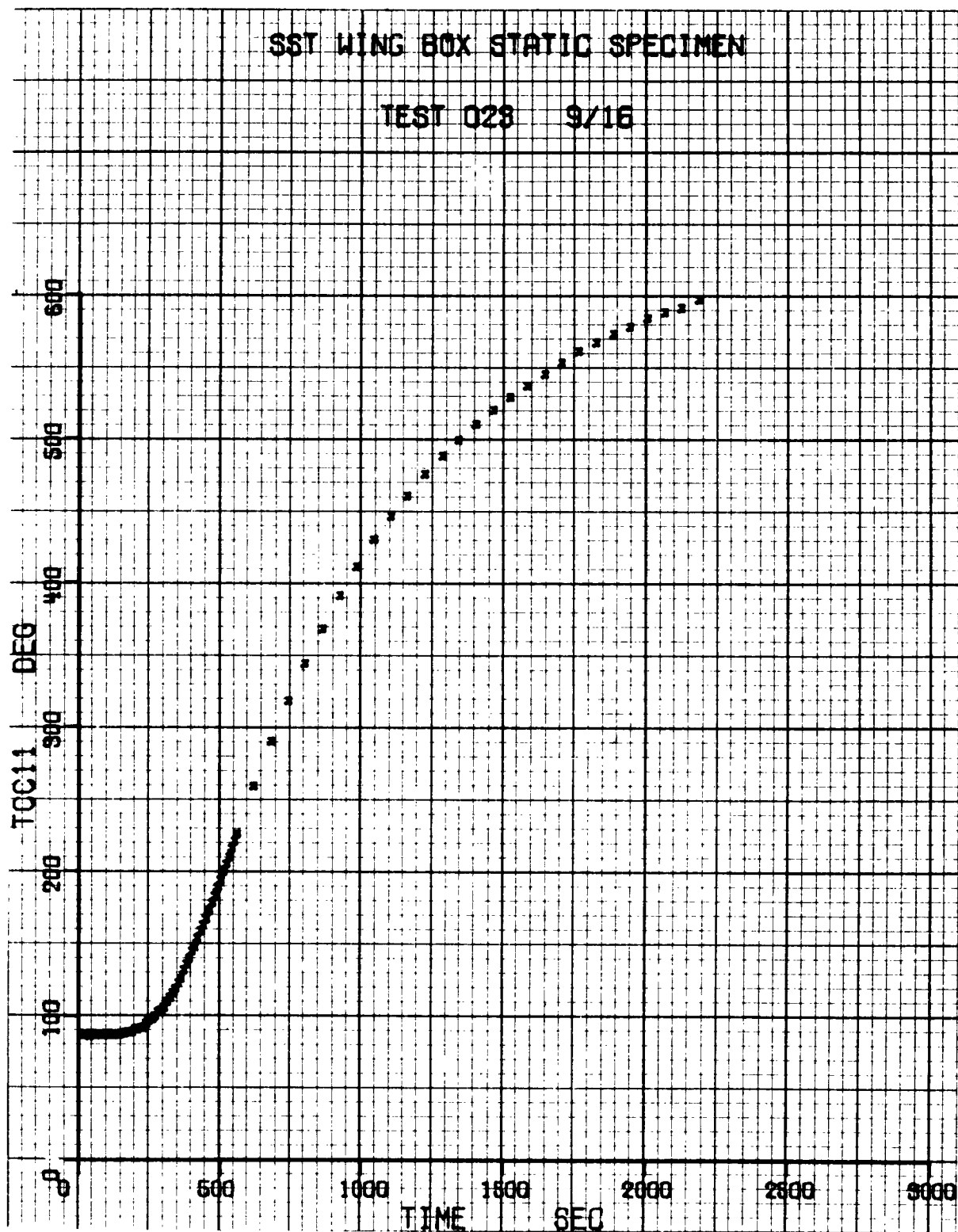
TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

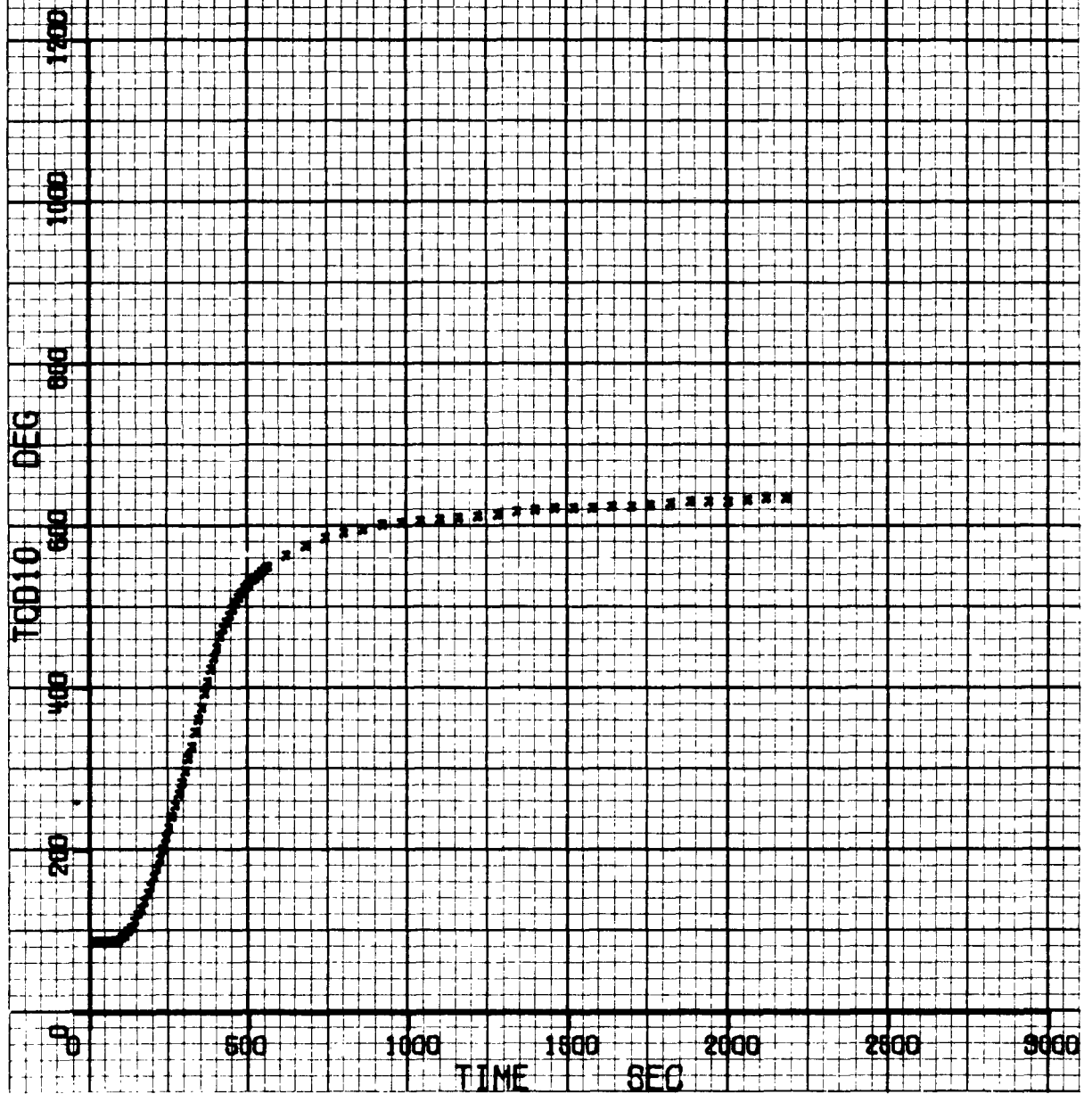
TEST 028 9/16





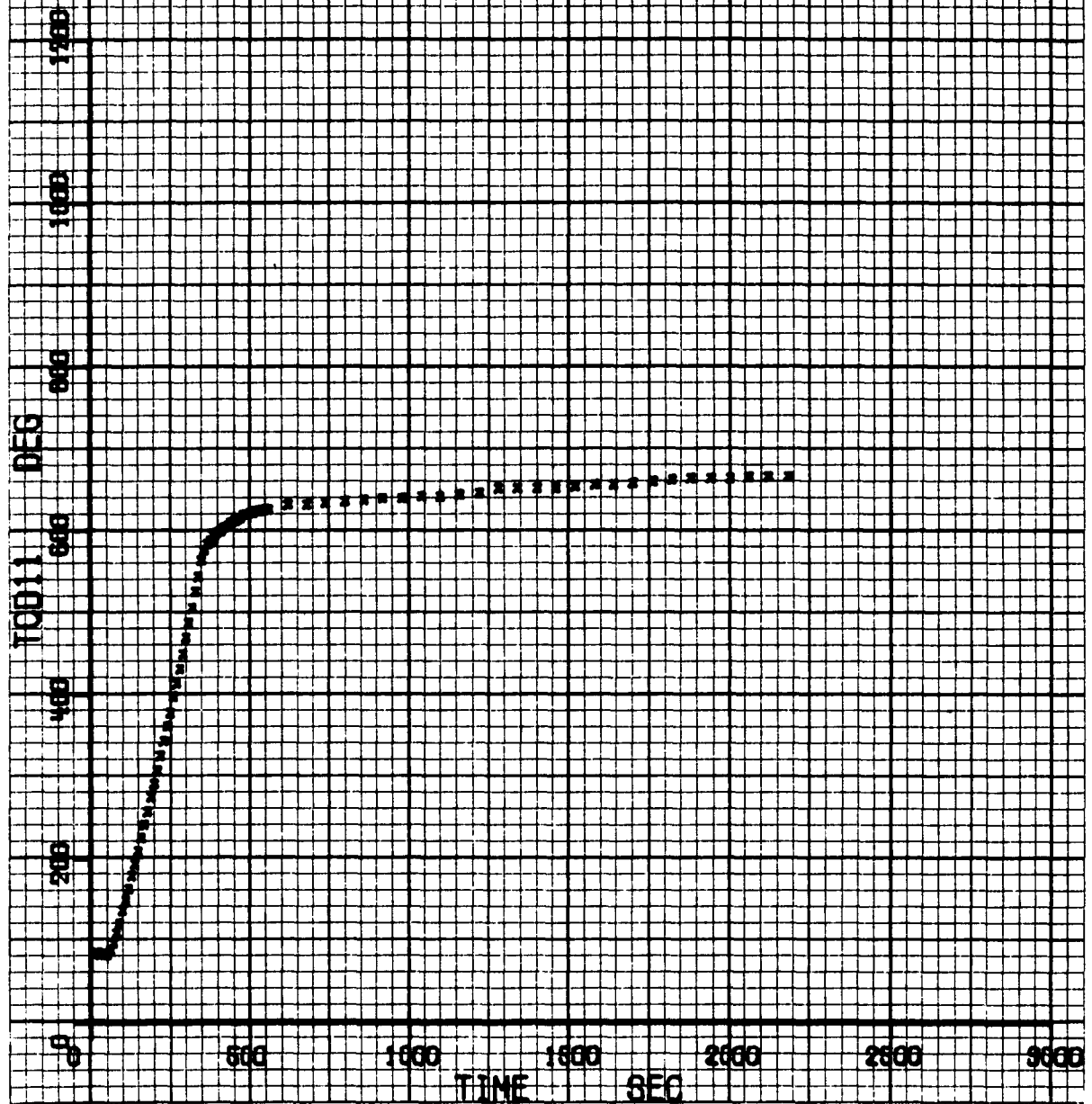
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



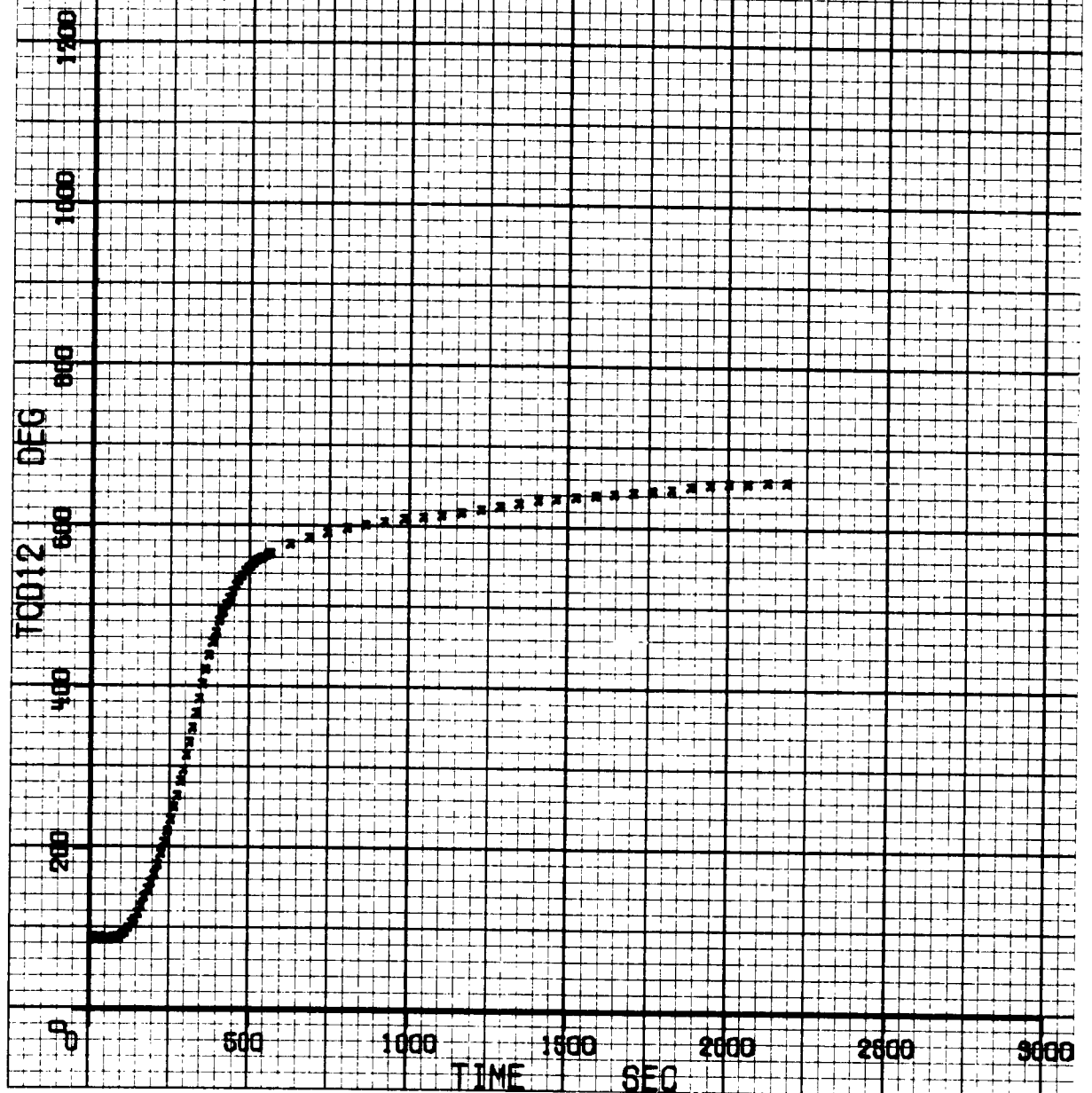
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



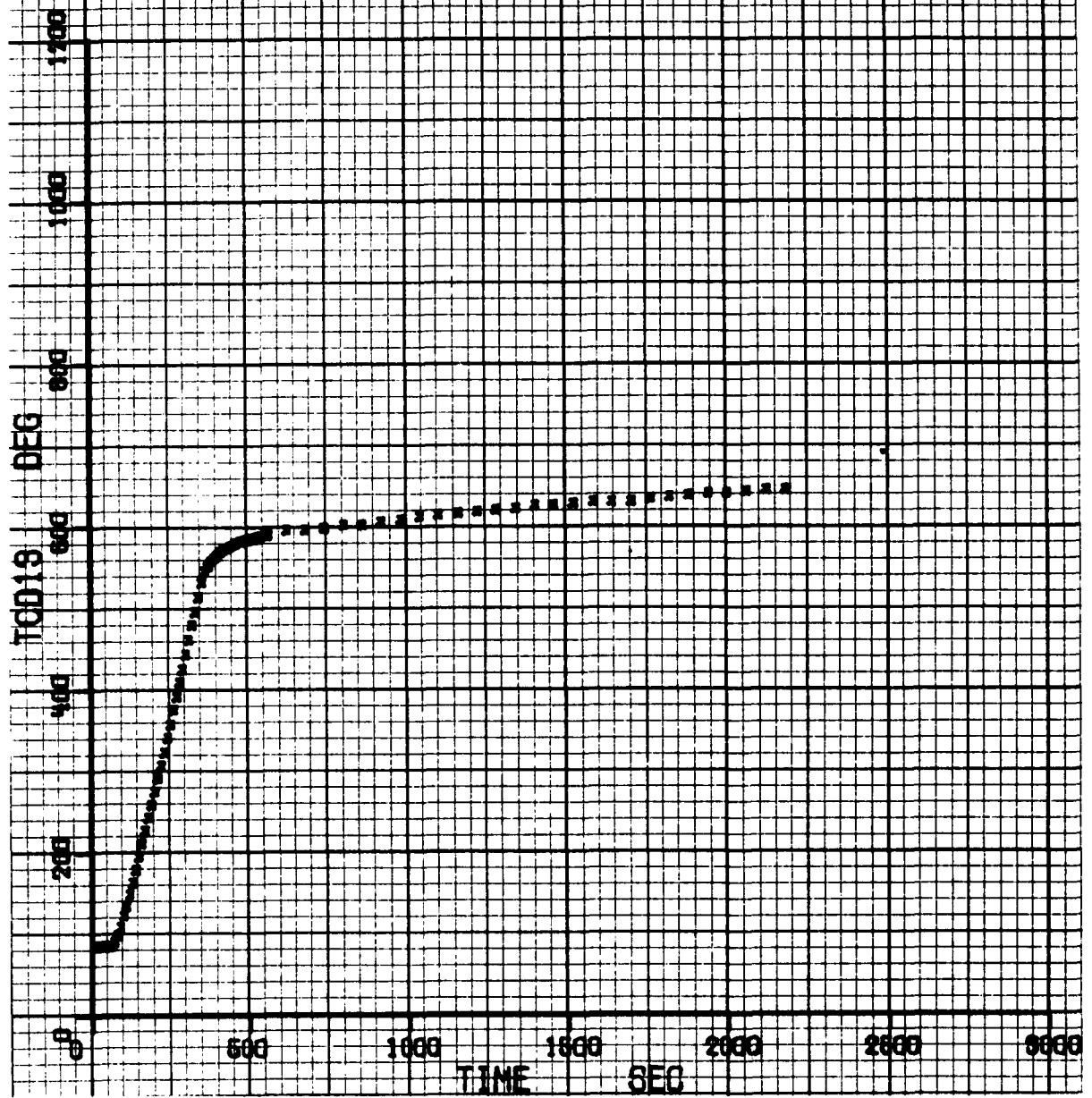
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



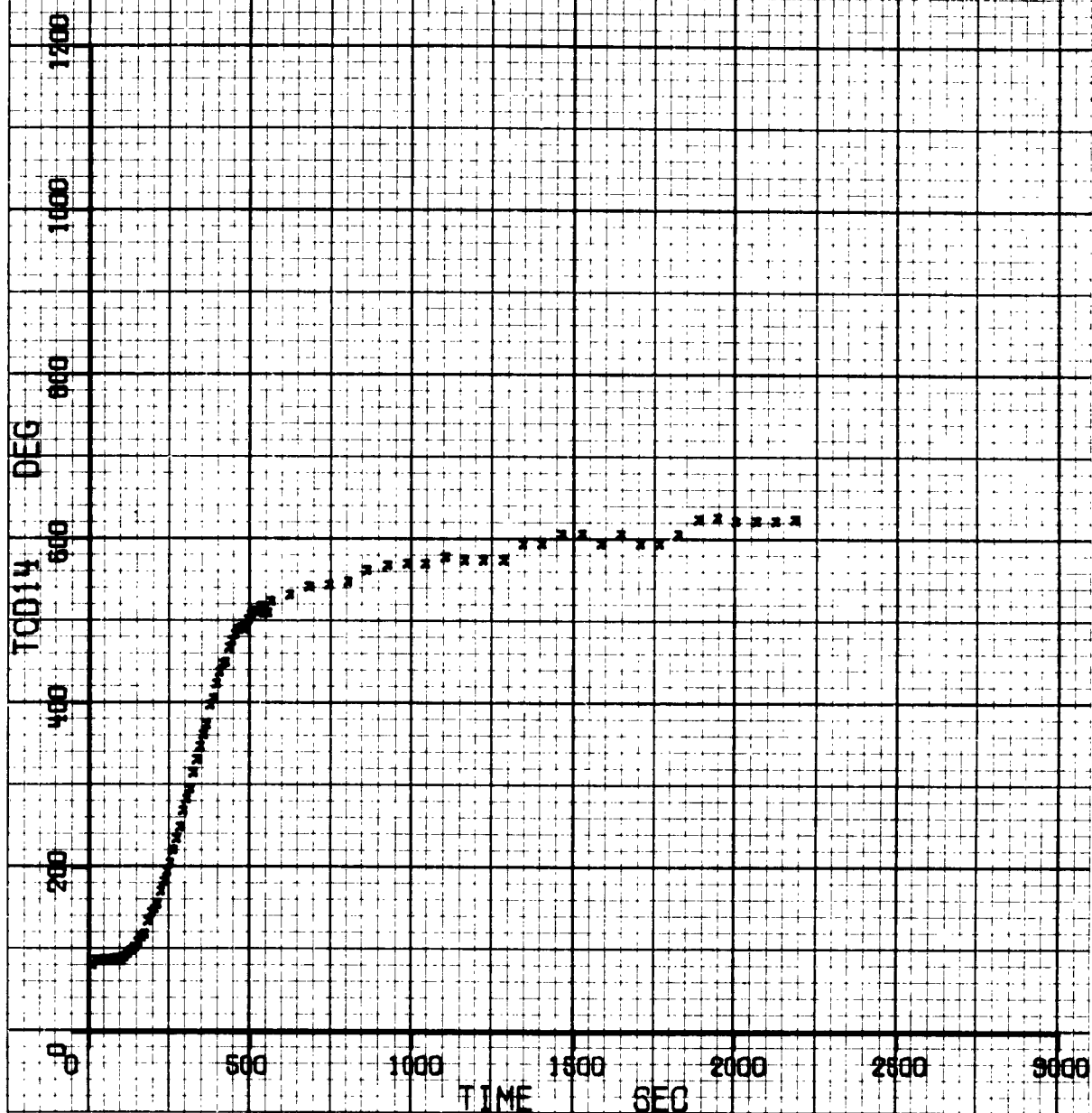
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

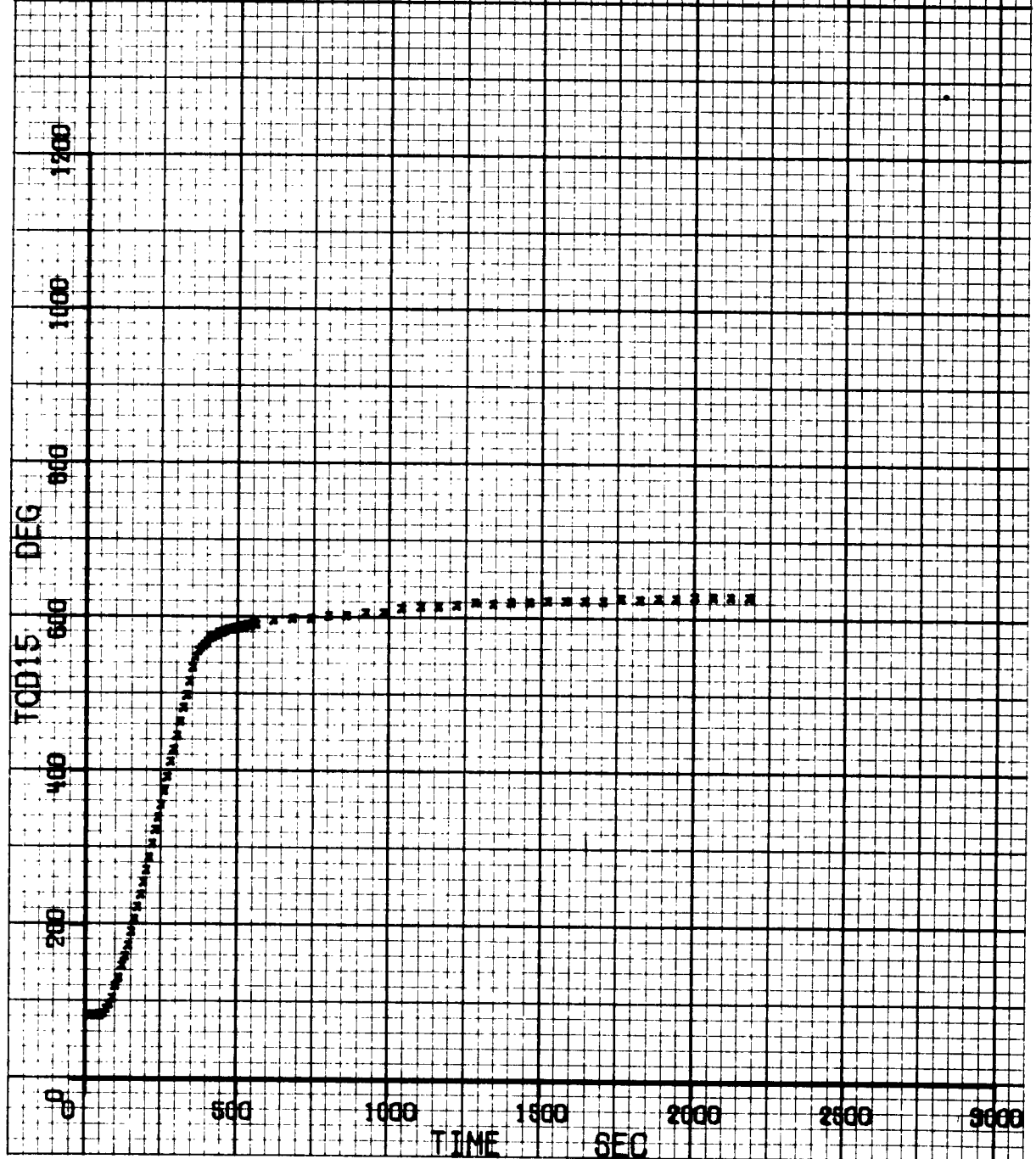
TEST 028 9/16





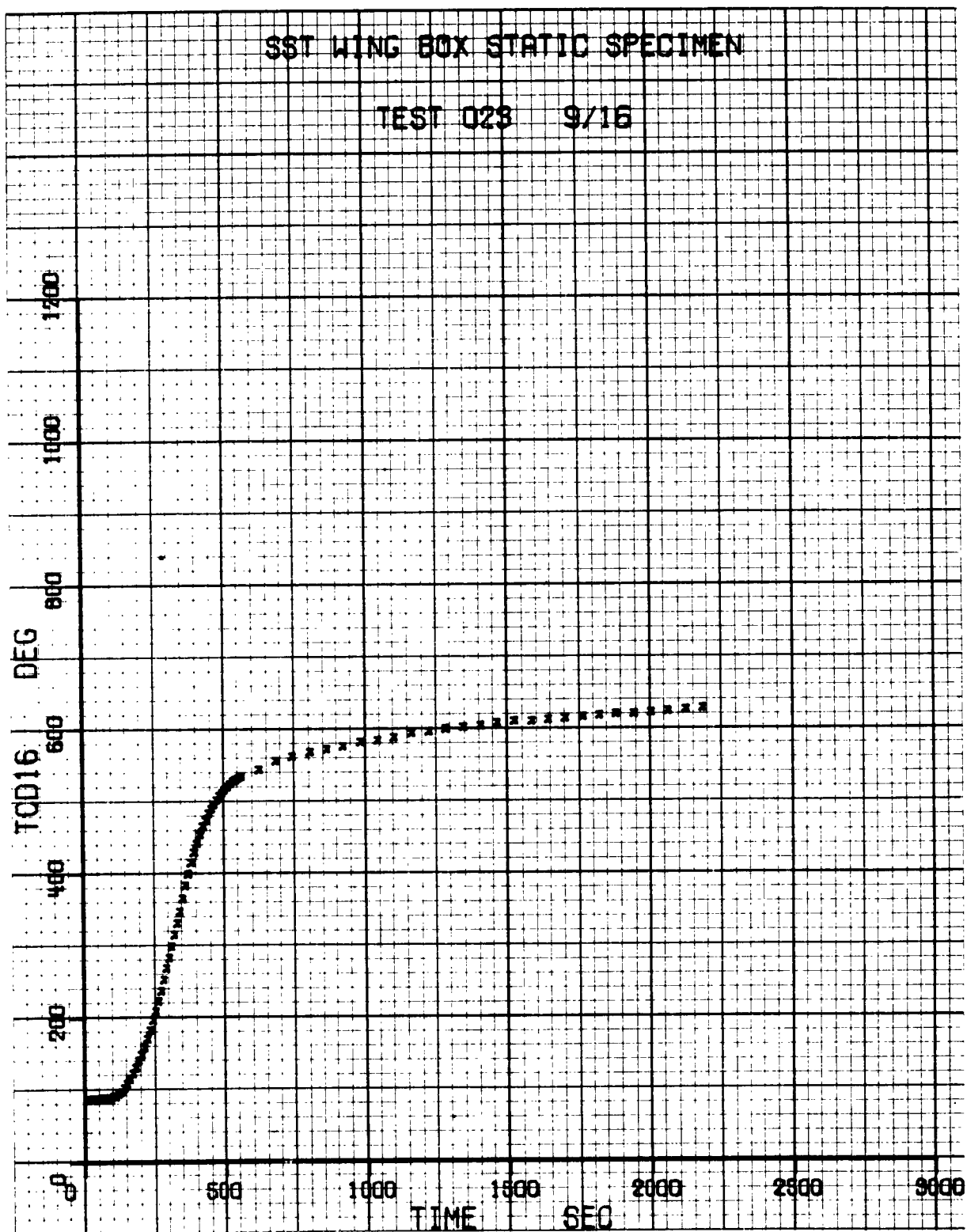
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



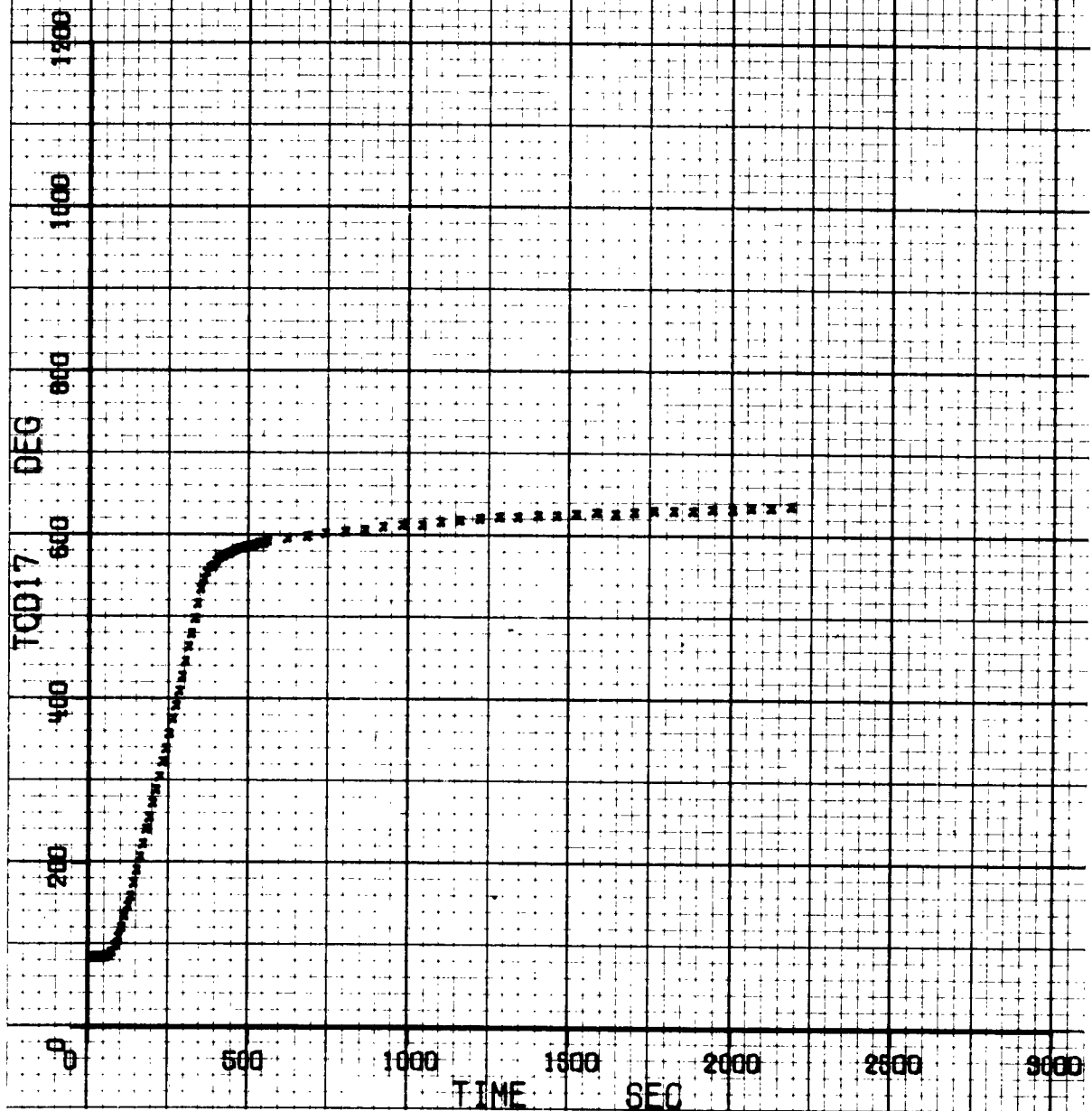
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



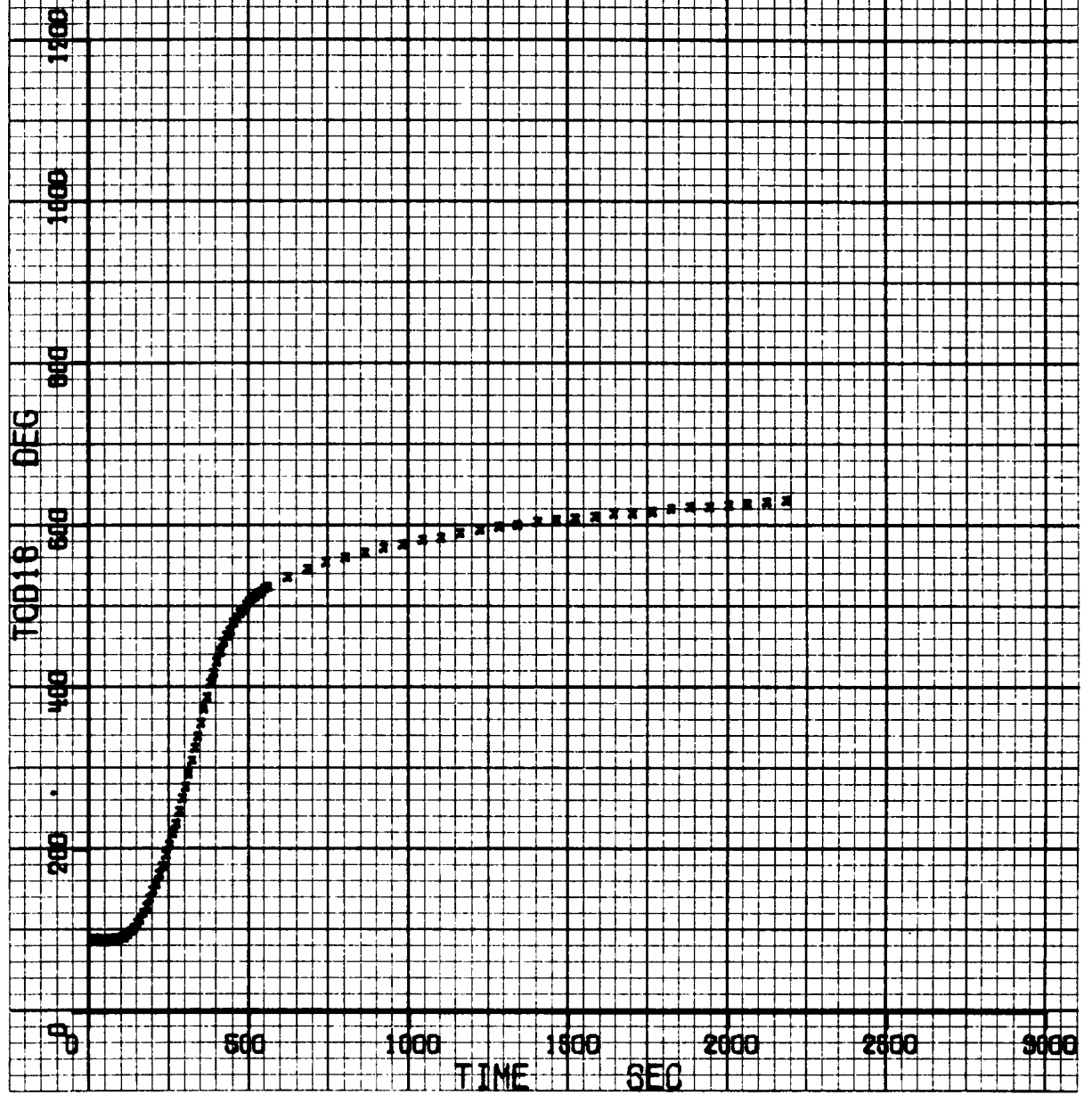
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



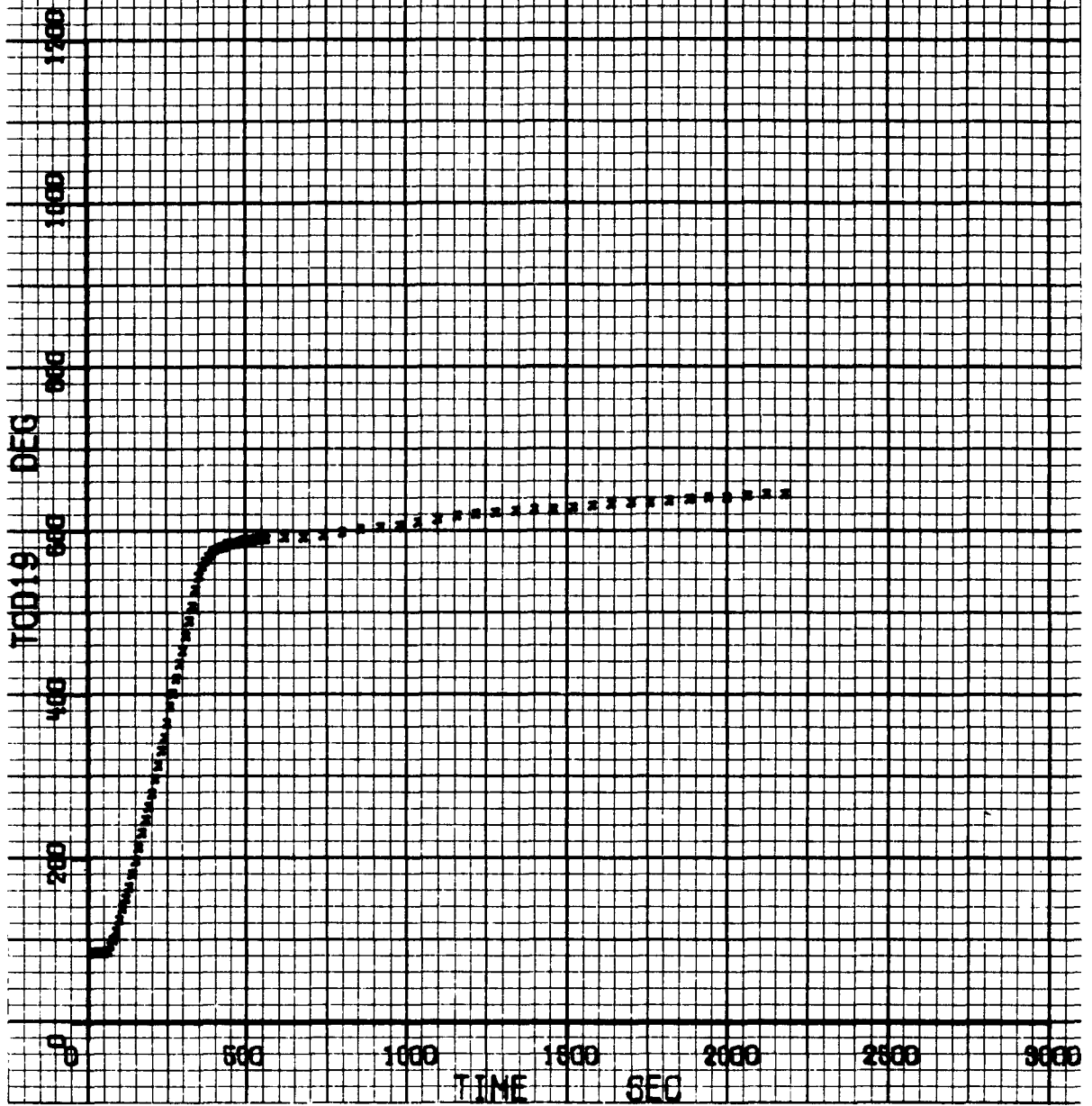
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



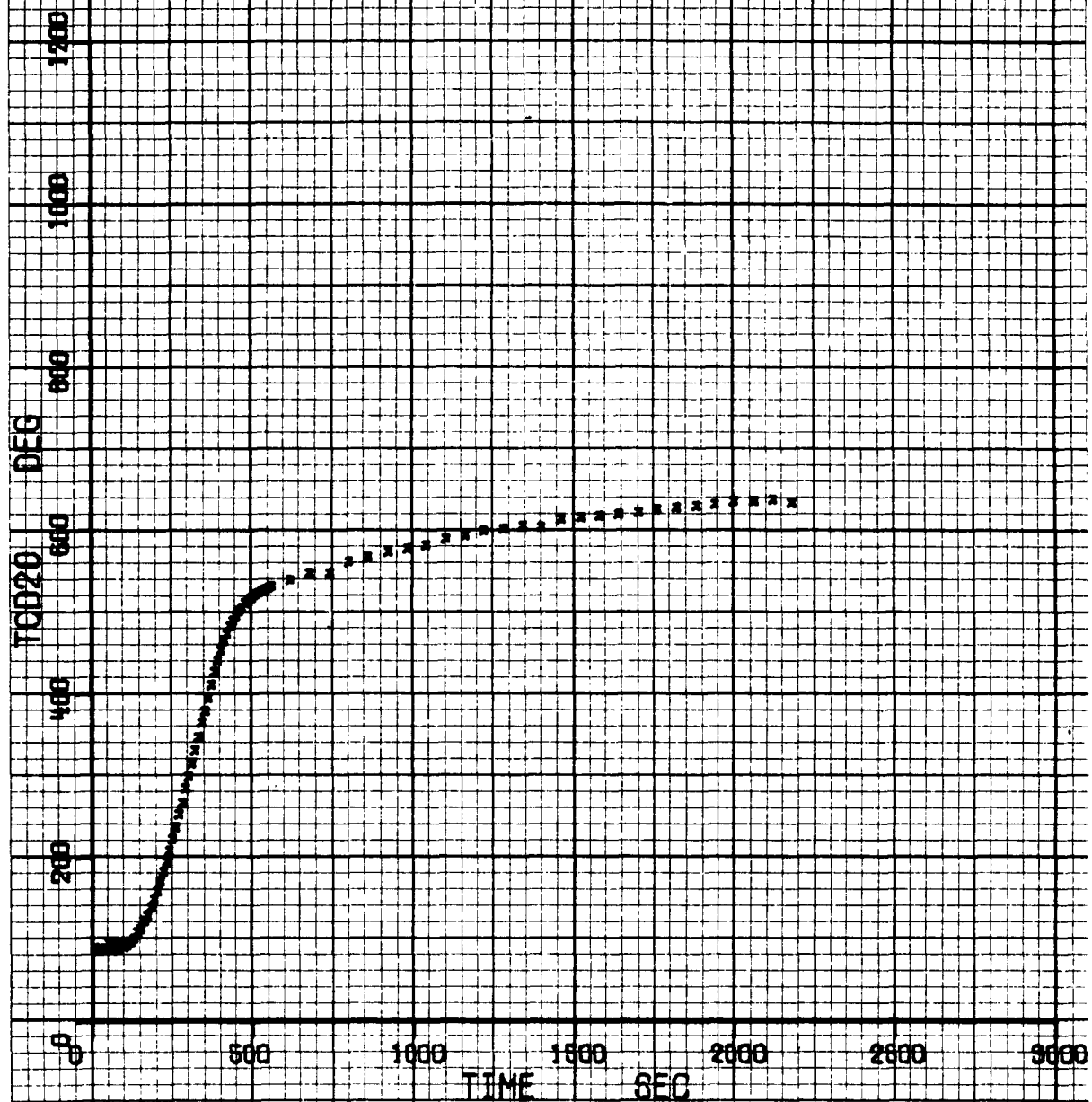
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



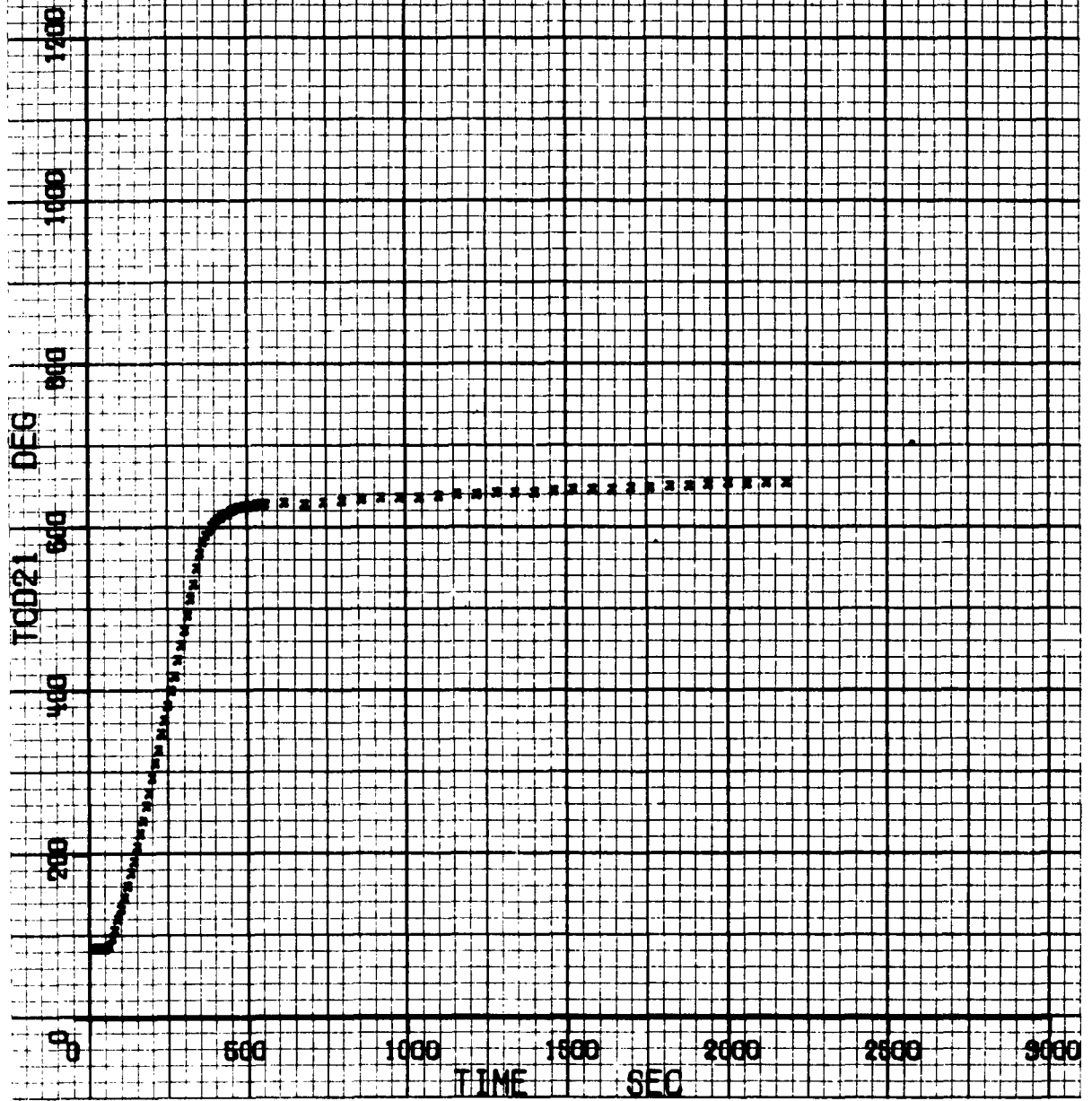
# SST WING BOX STATIC SPECIMEN

TEST Q23 9/16



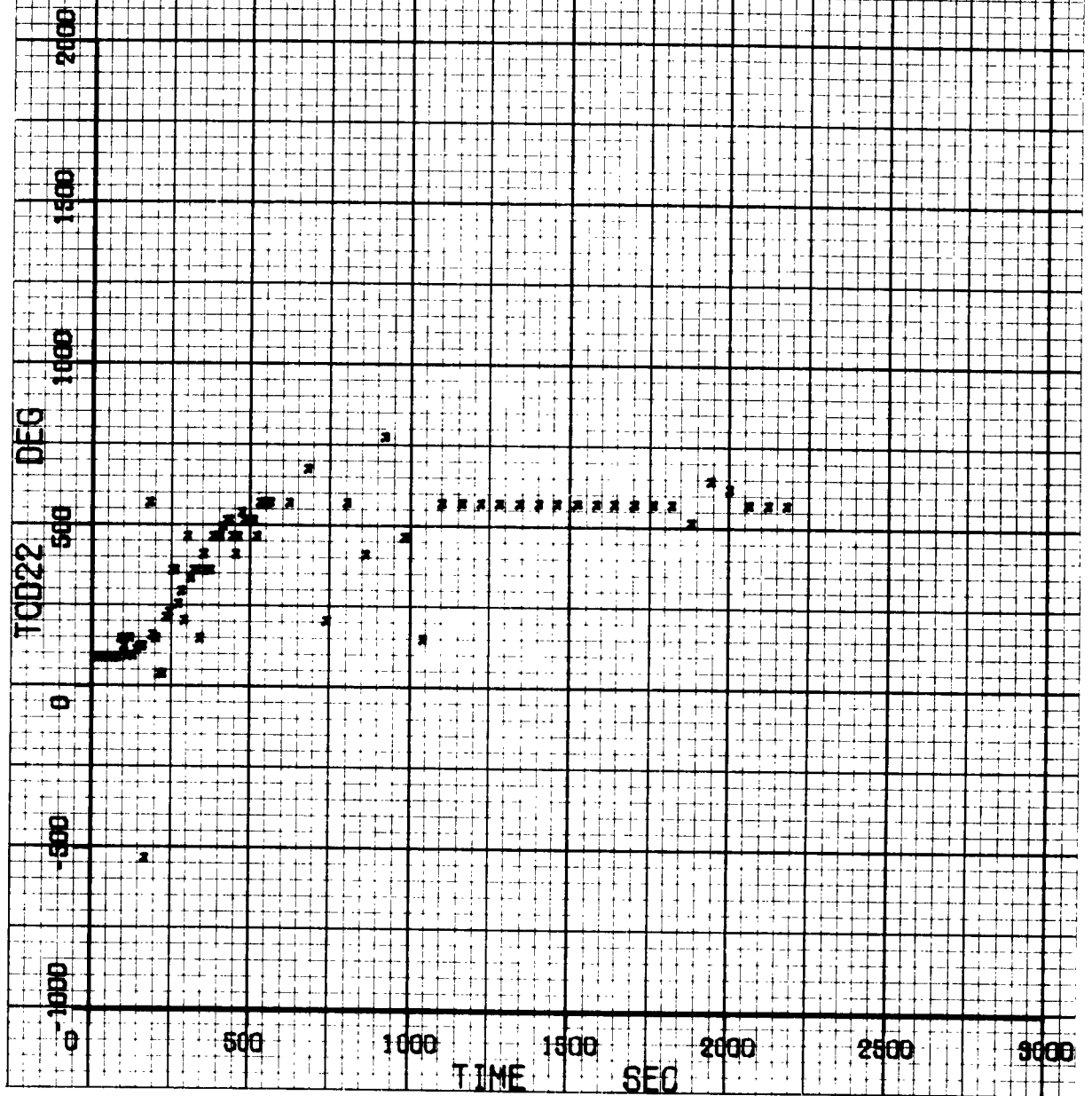
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

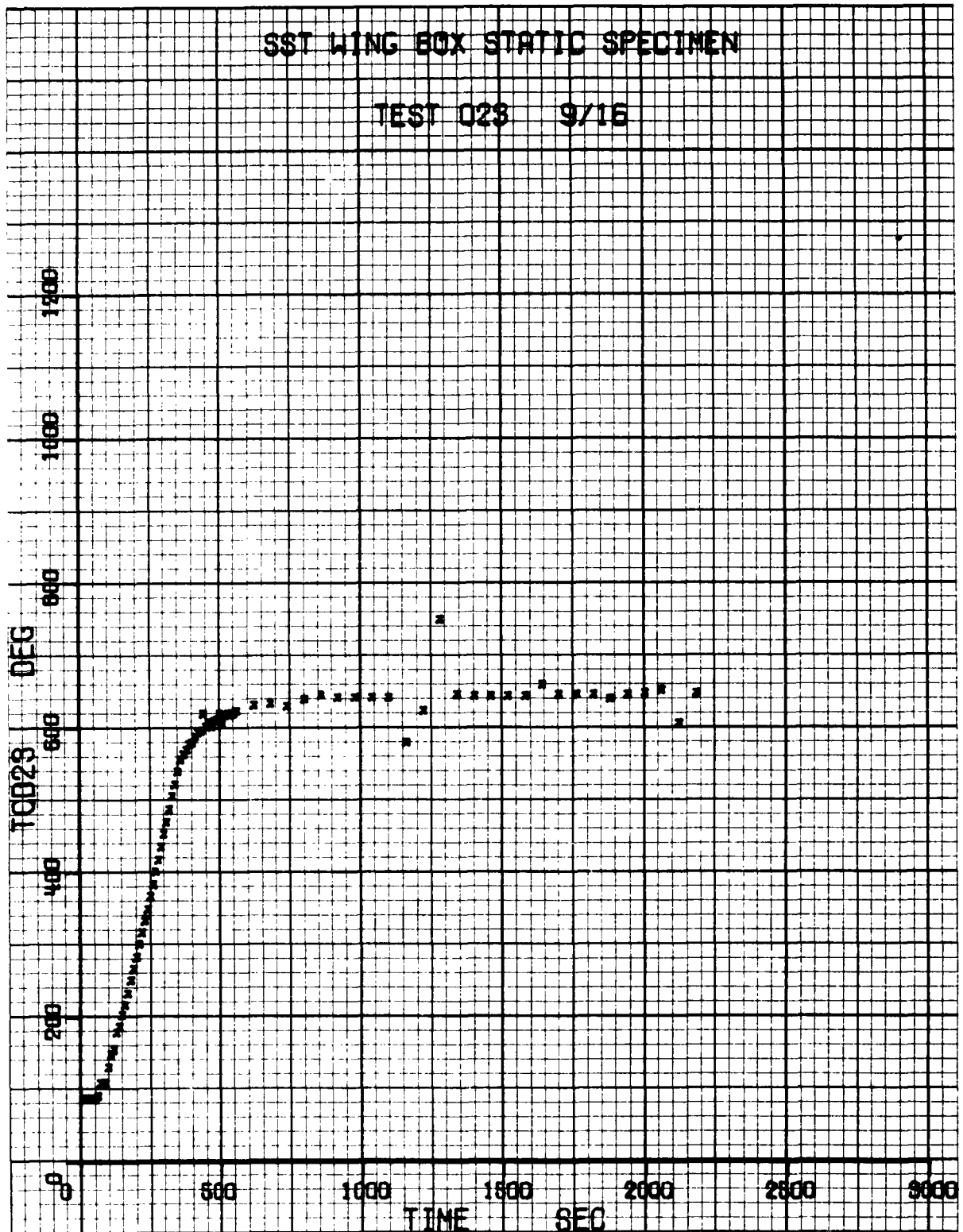
TEST 023 9/16

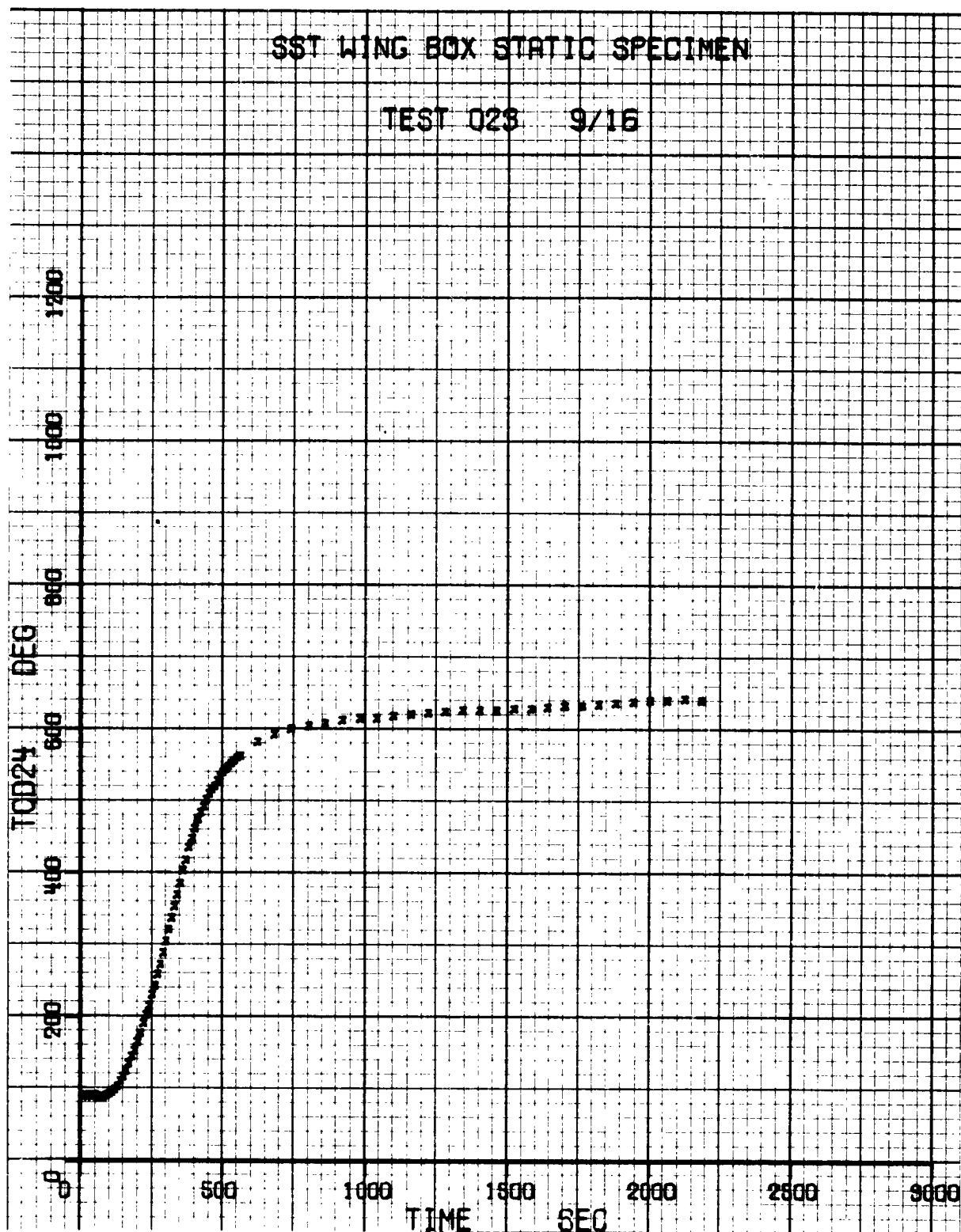




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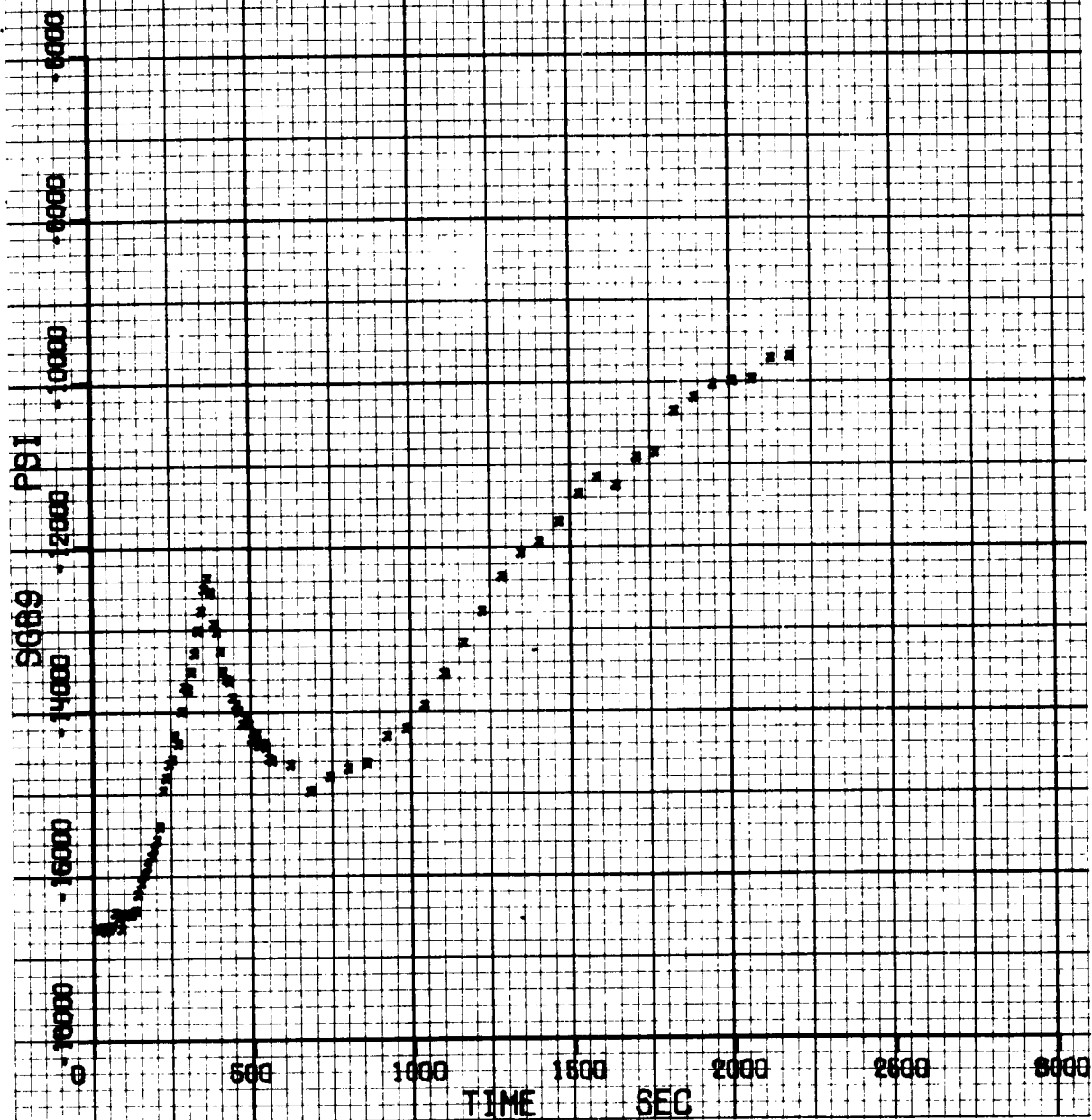
TEST 023 9/16





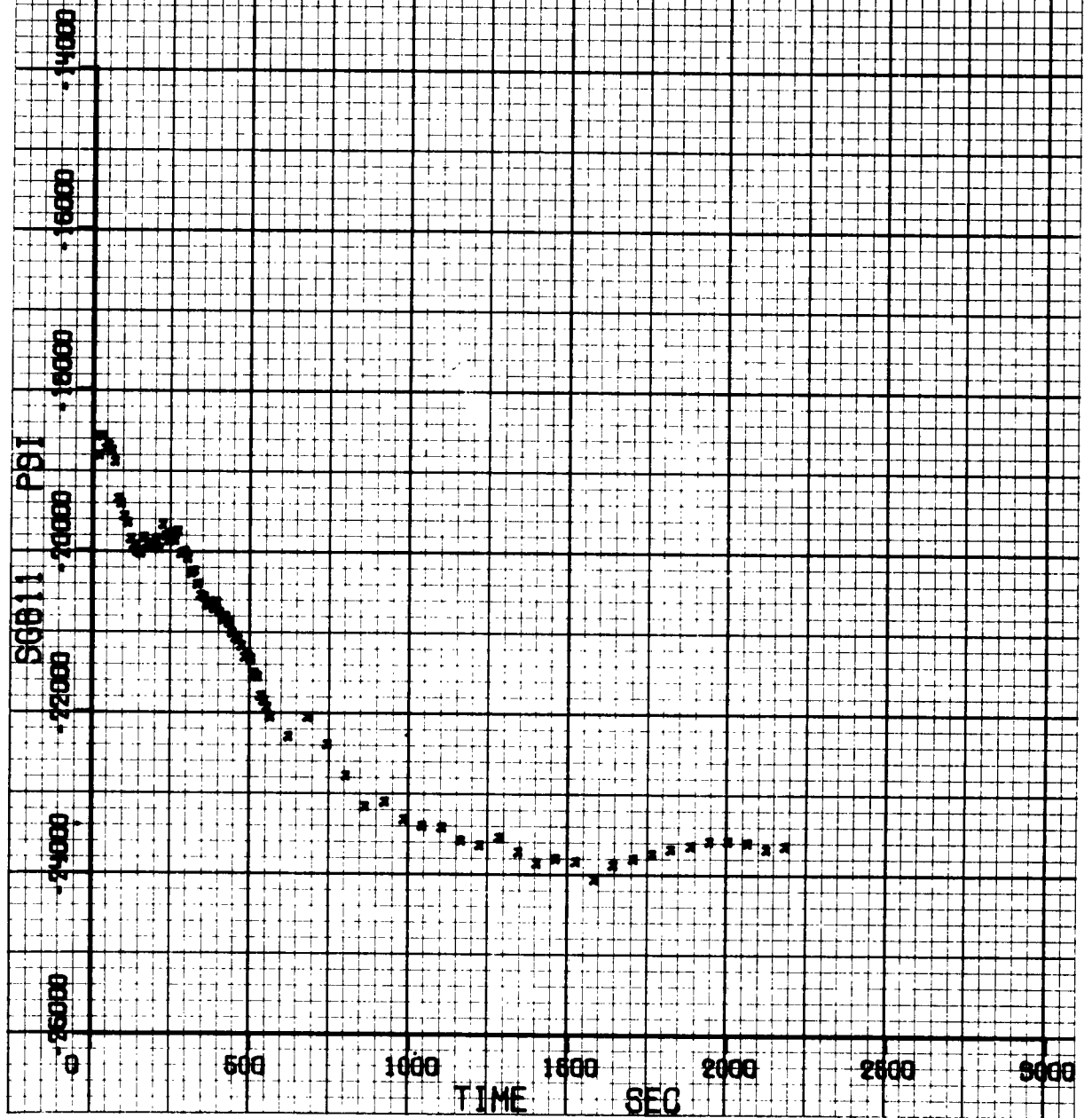
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



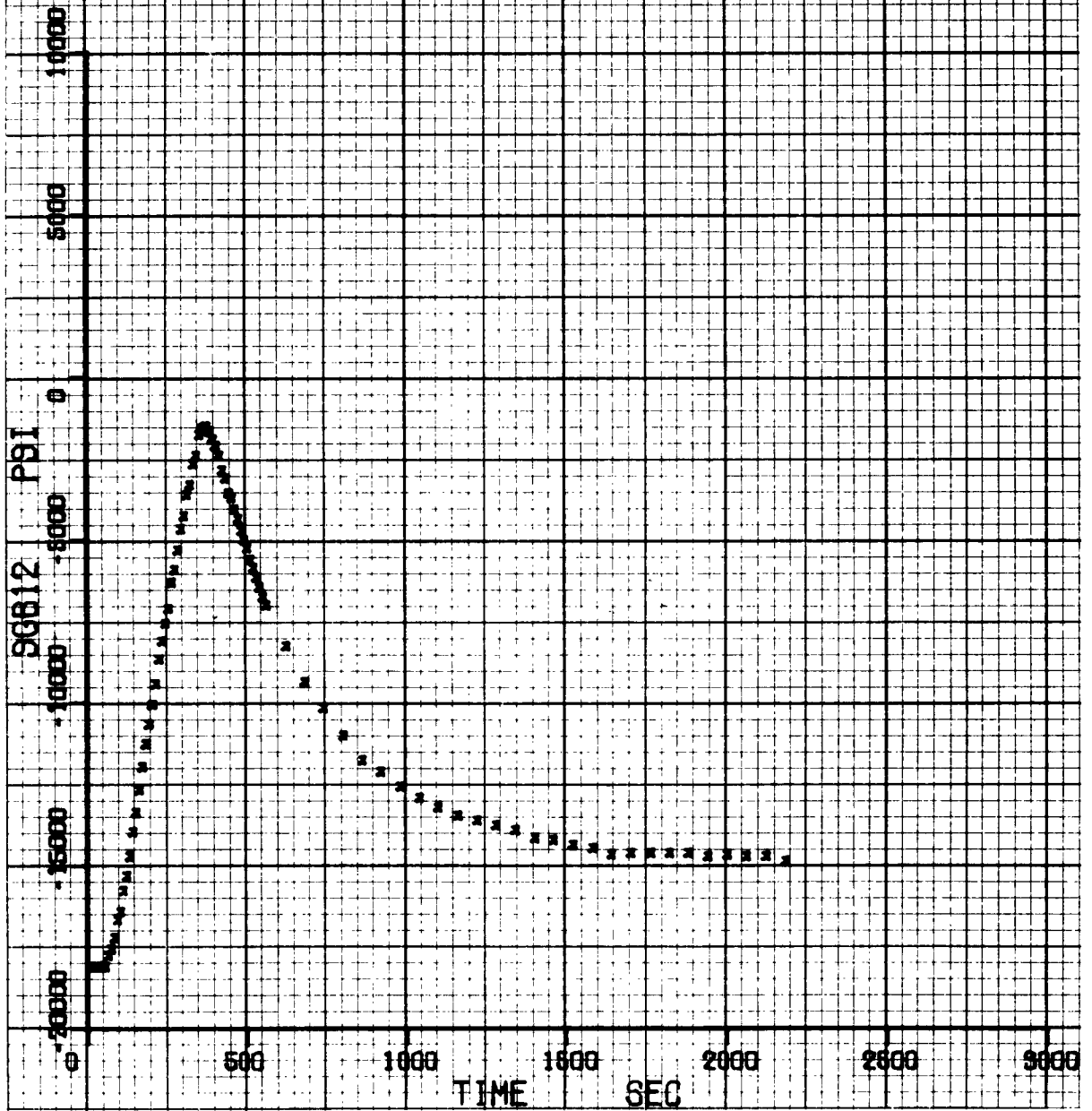
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



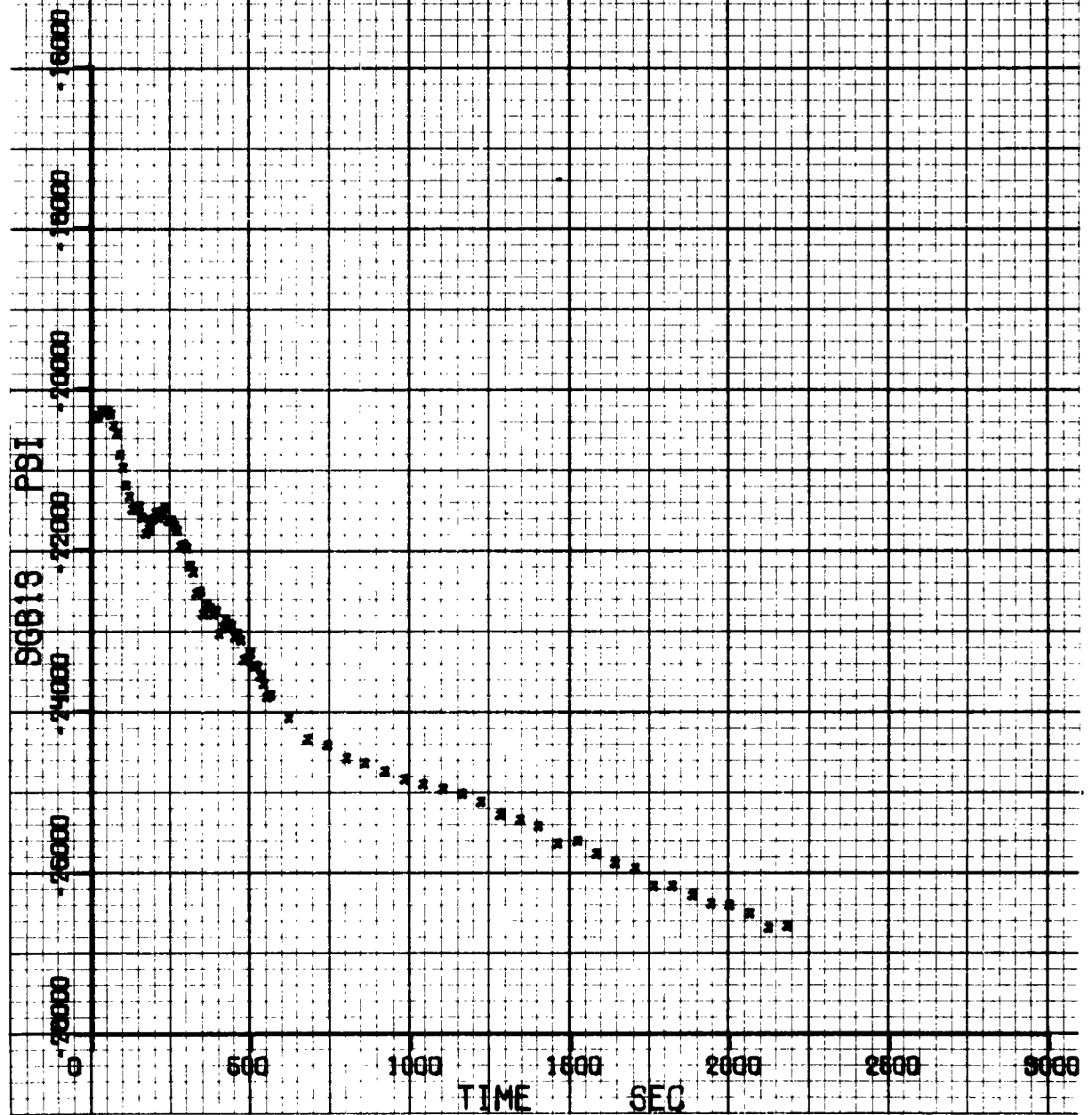
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



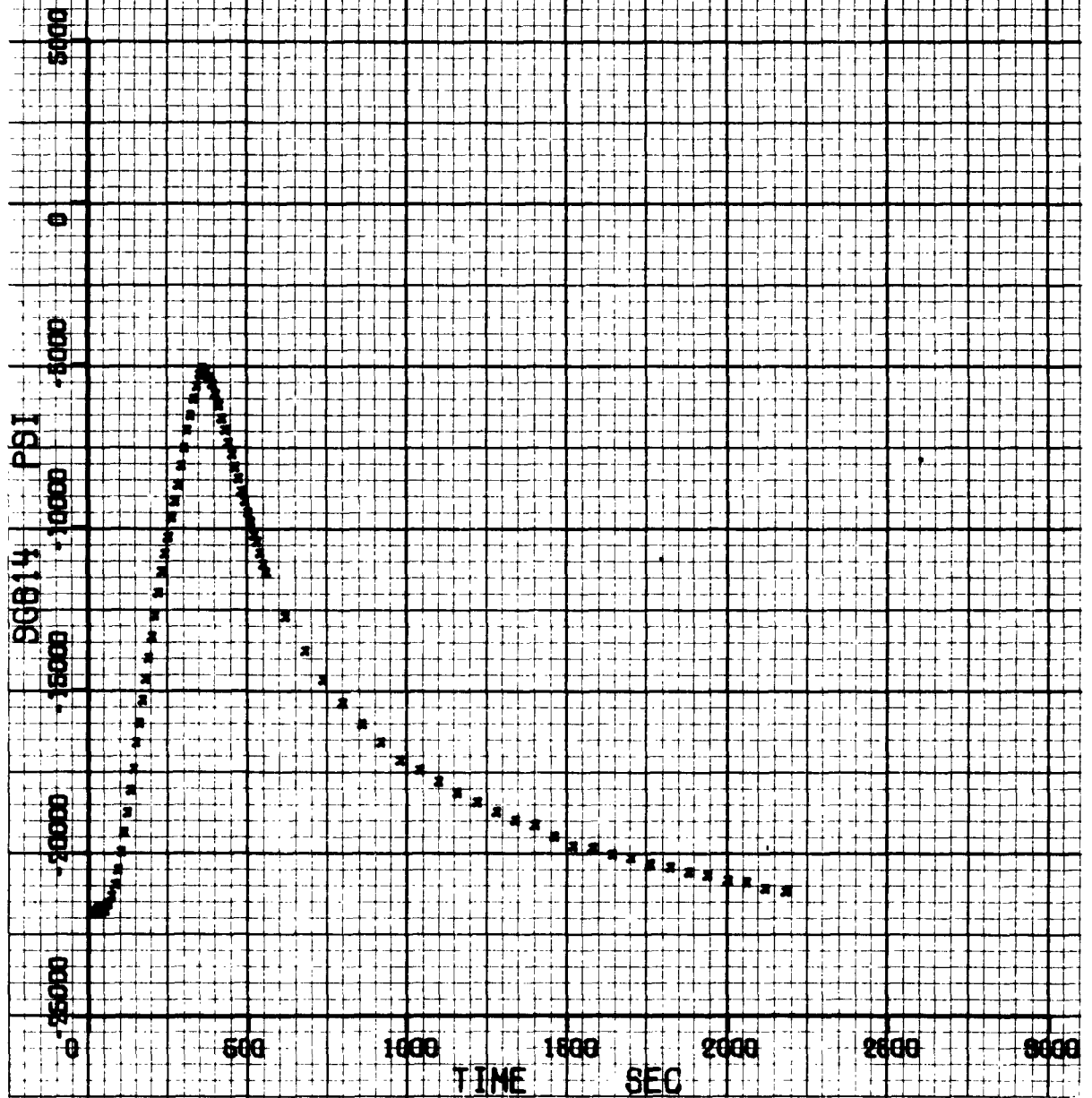
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



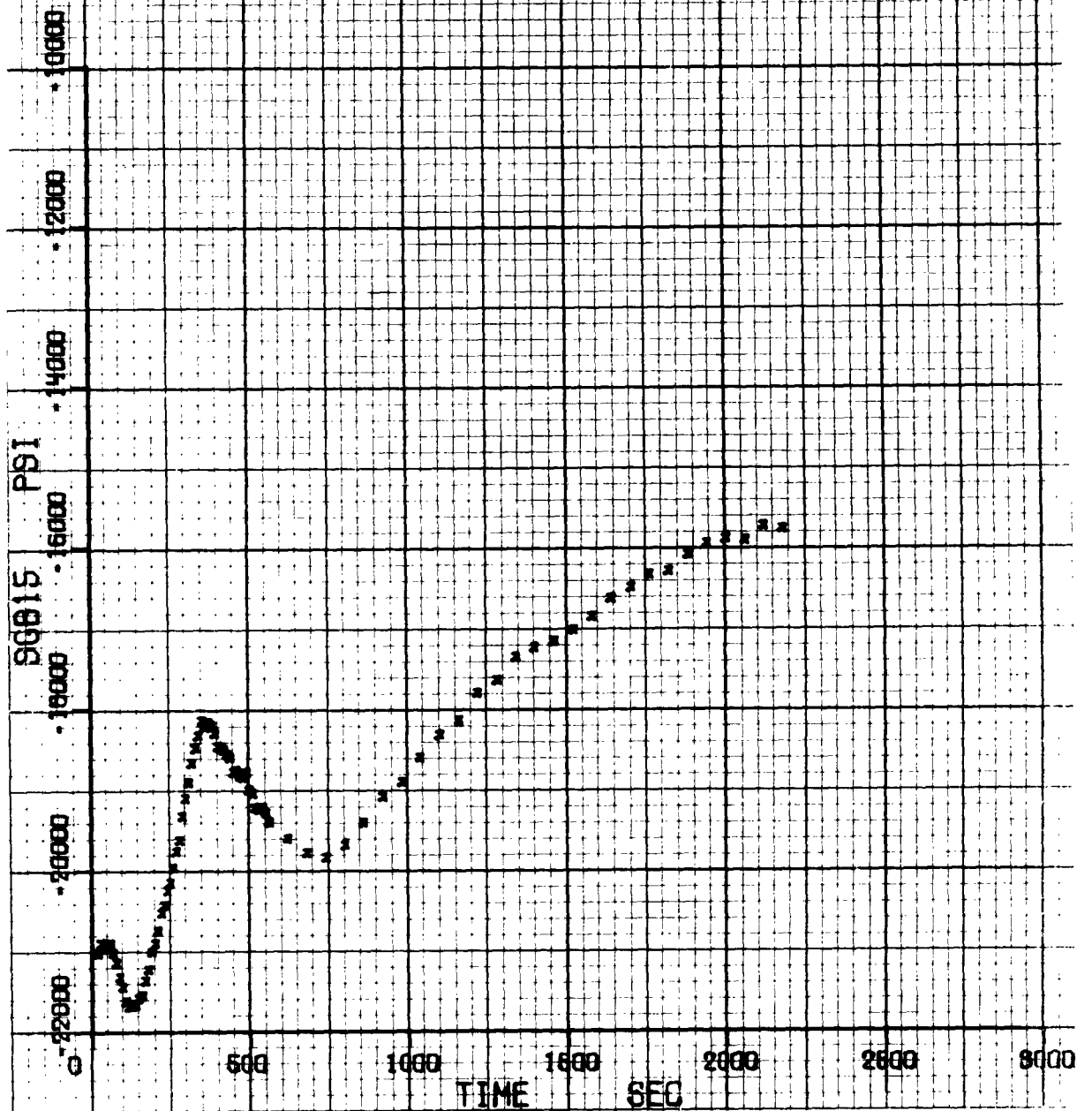
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

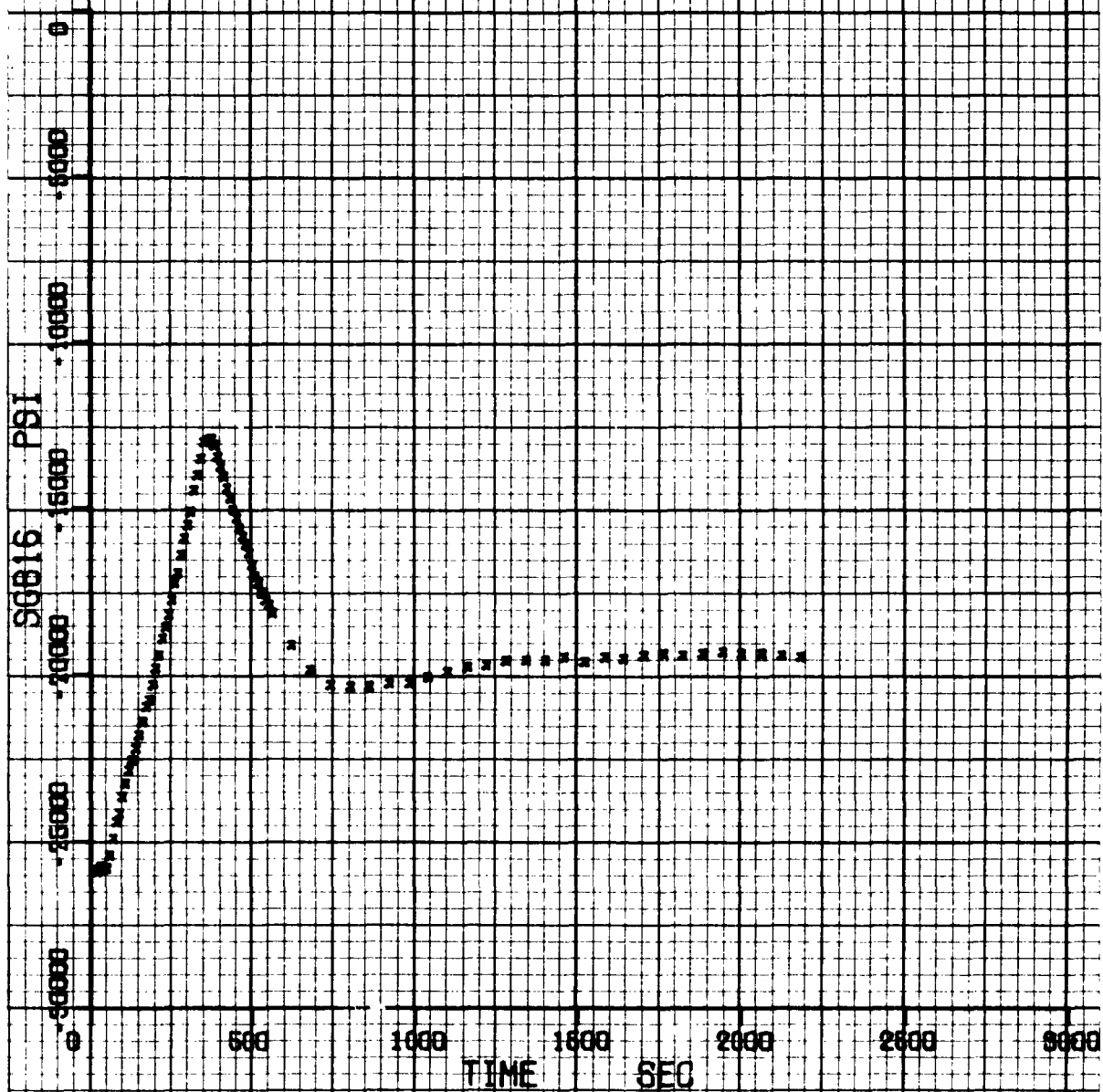
TEST 028 9/16





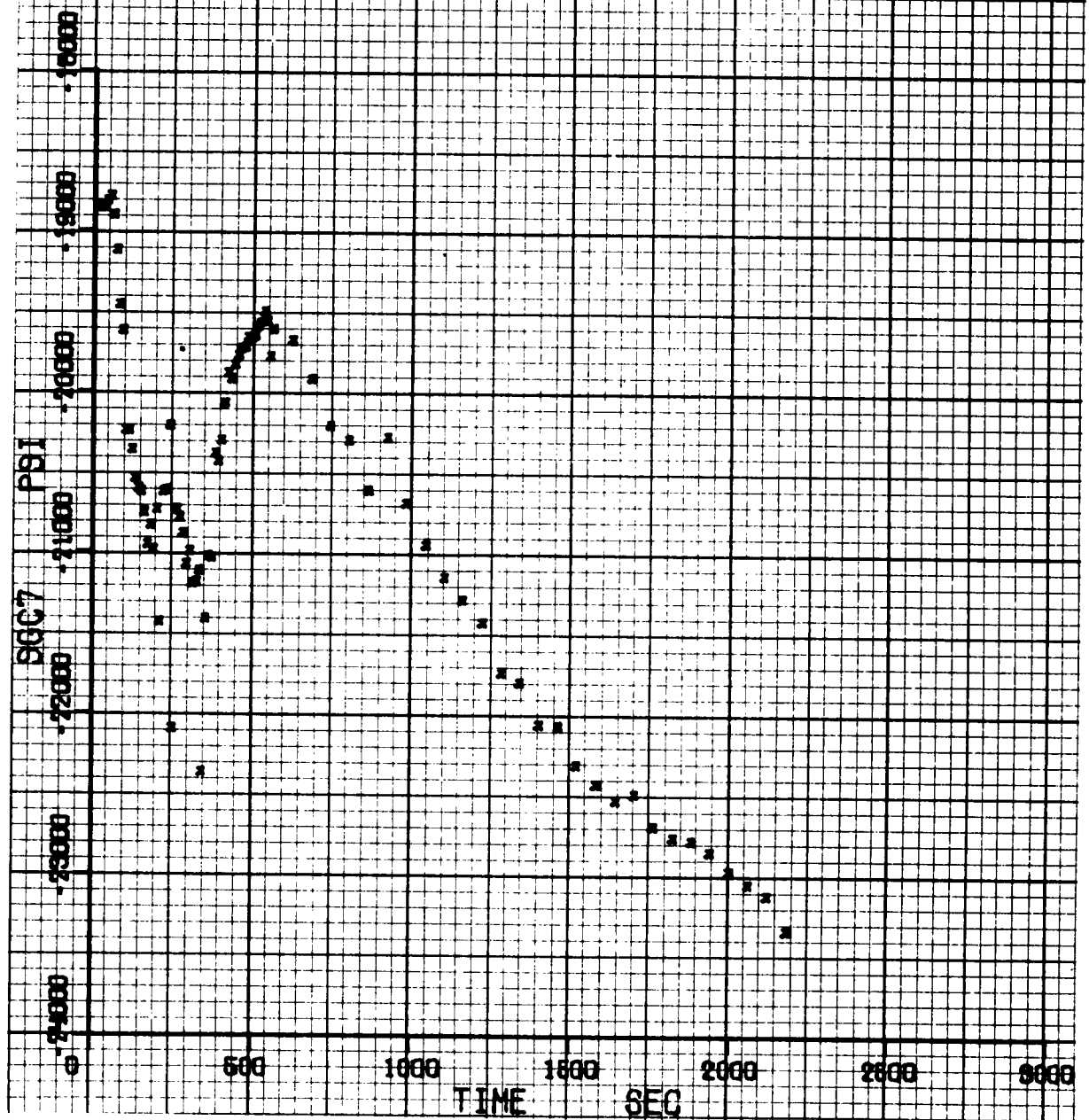
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



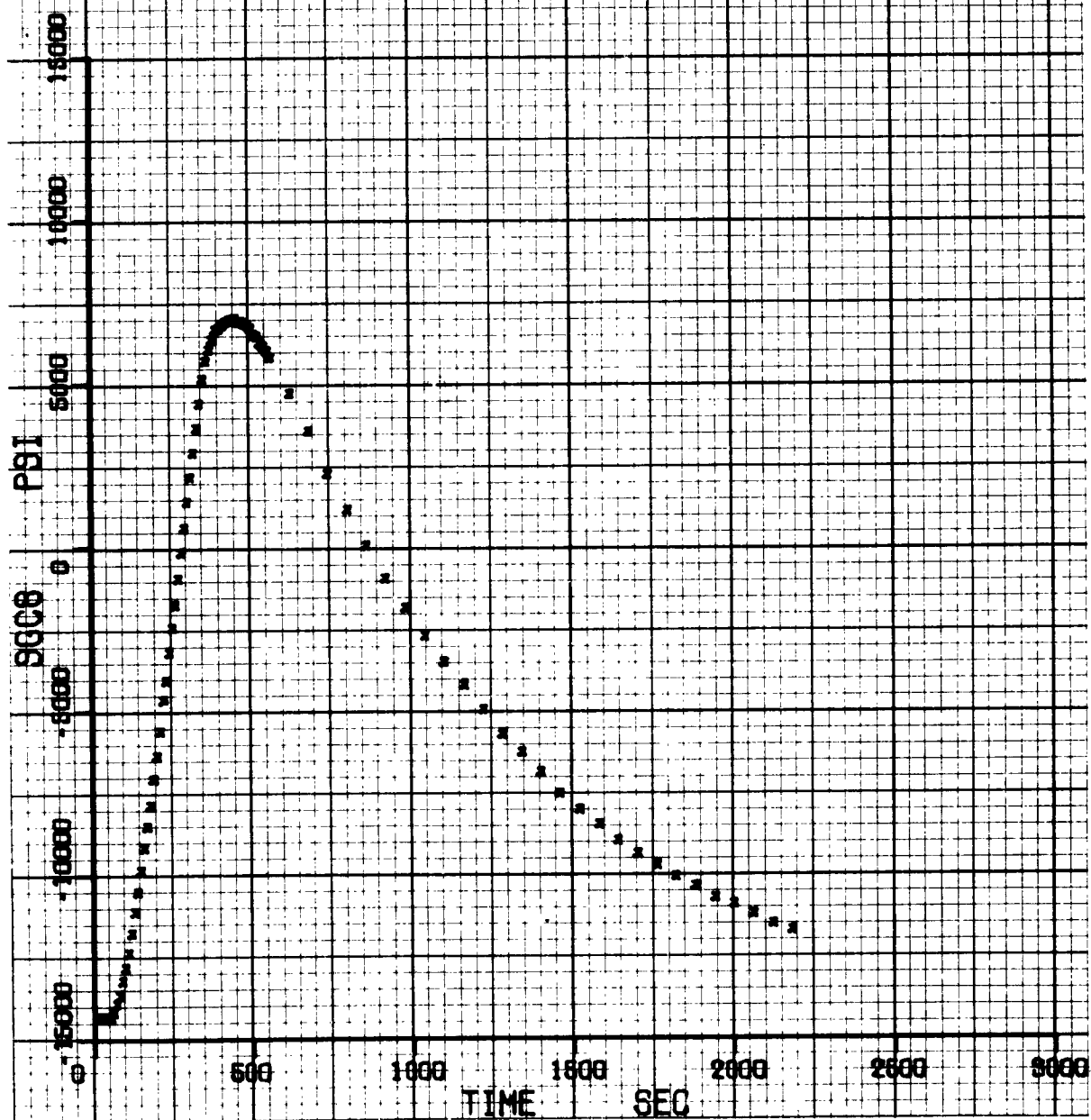
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



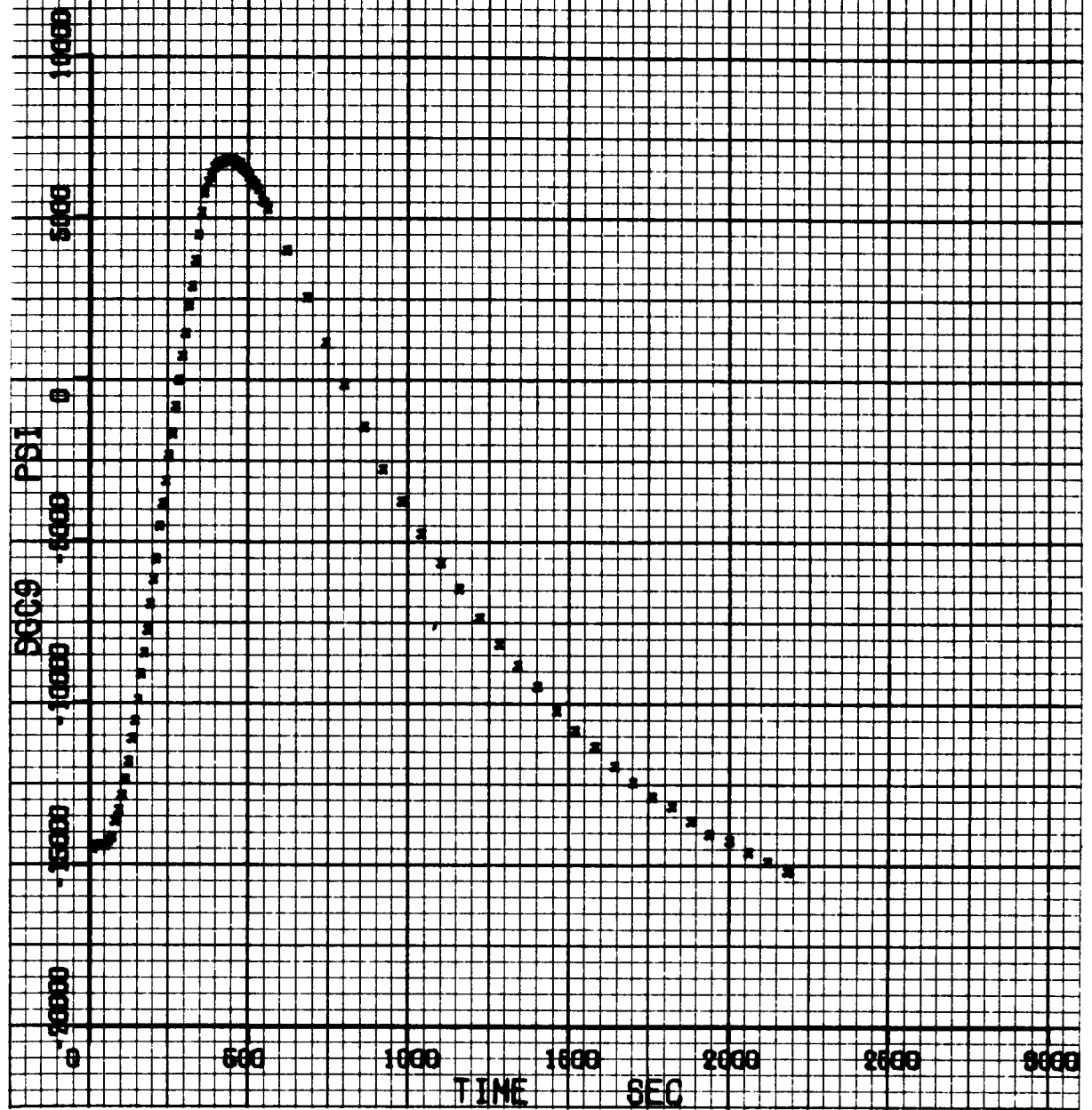
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



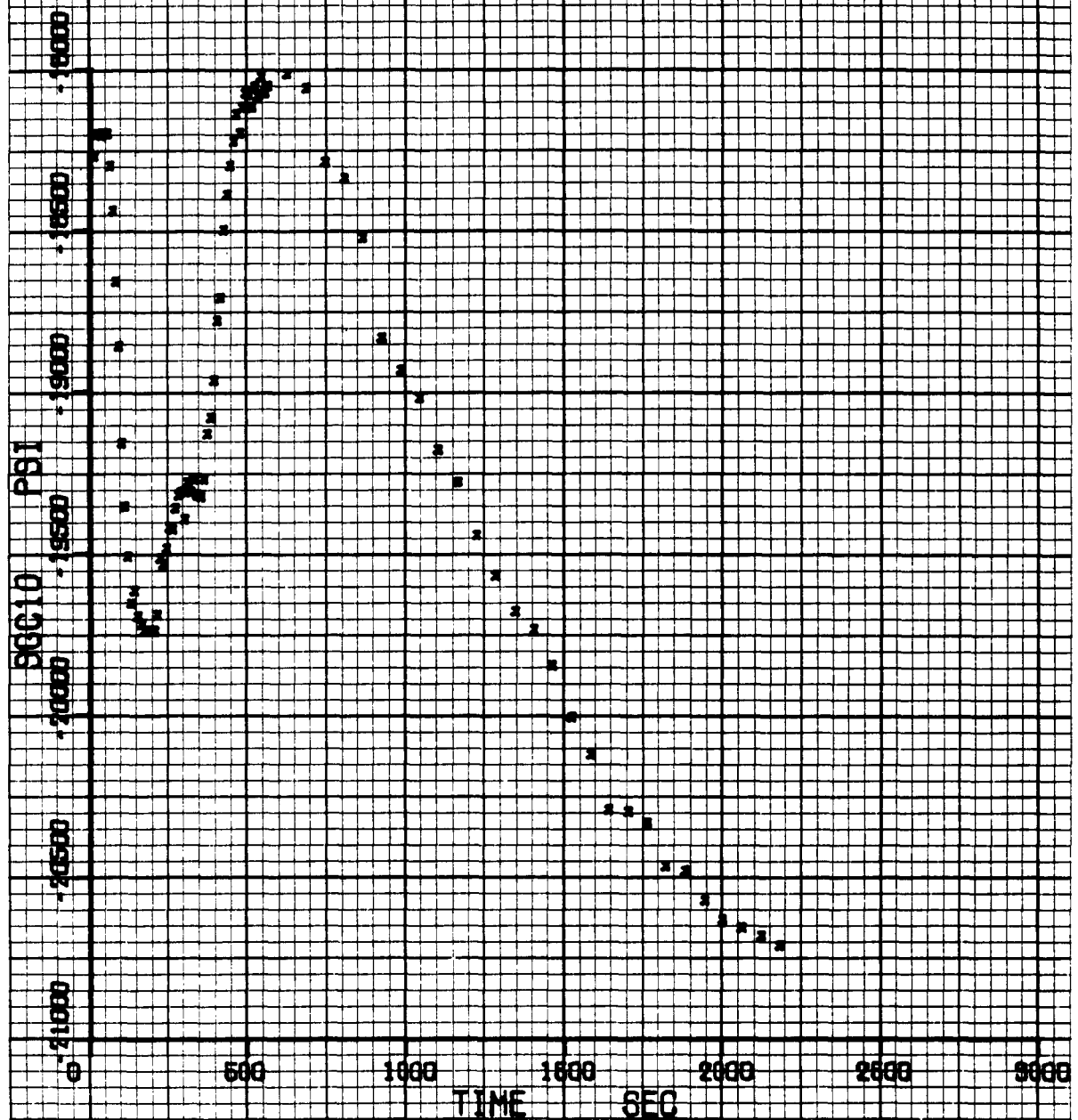
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



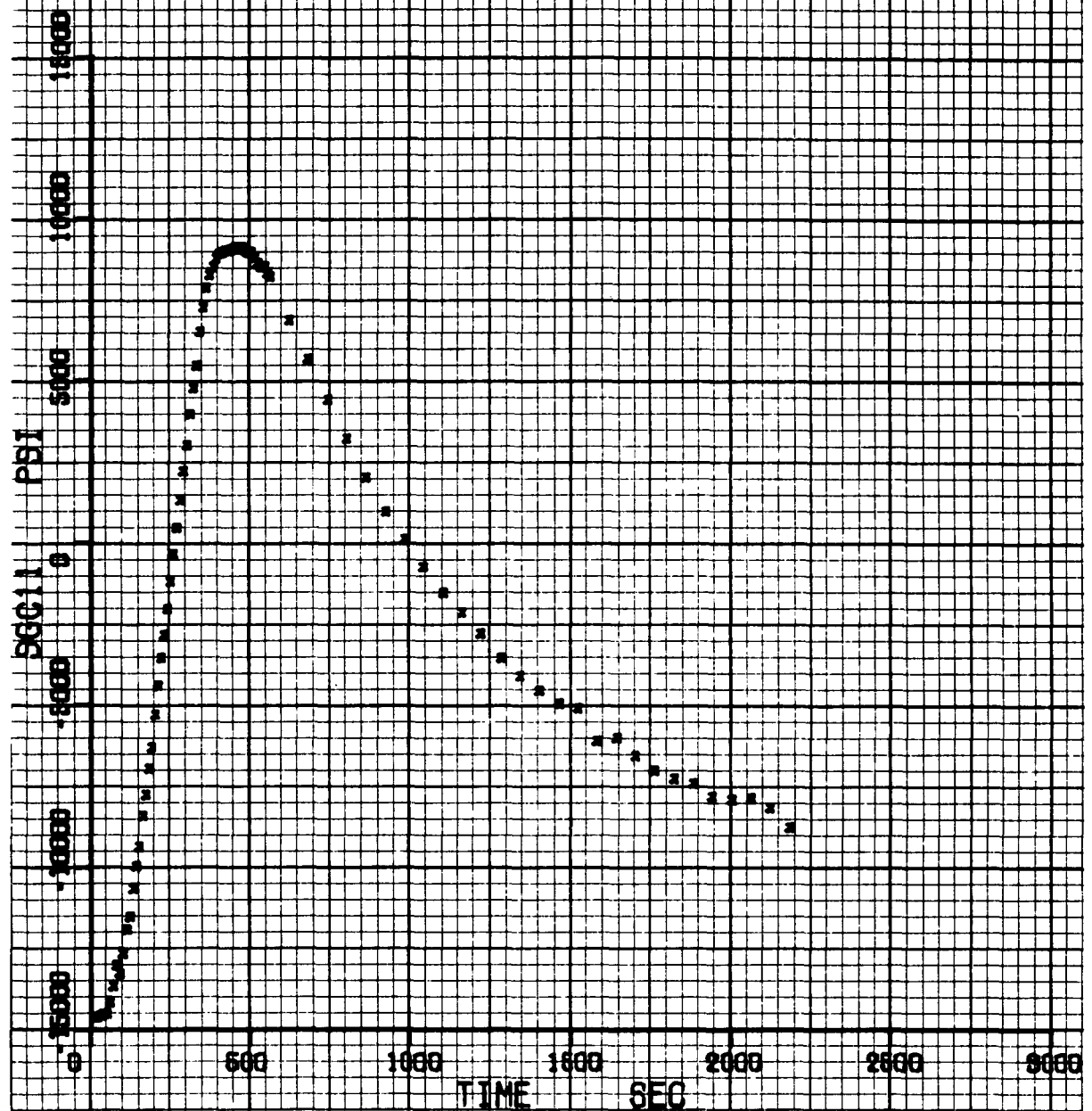
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



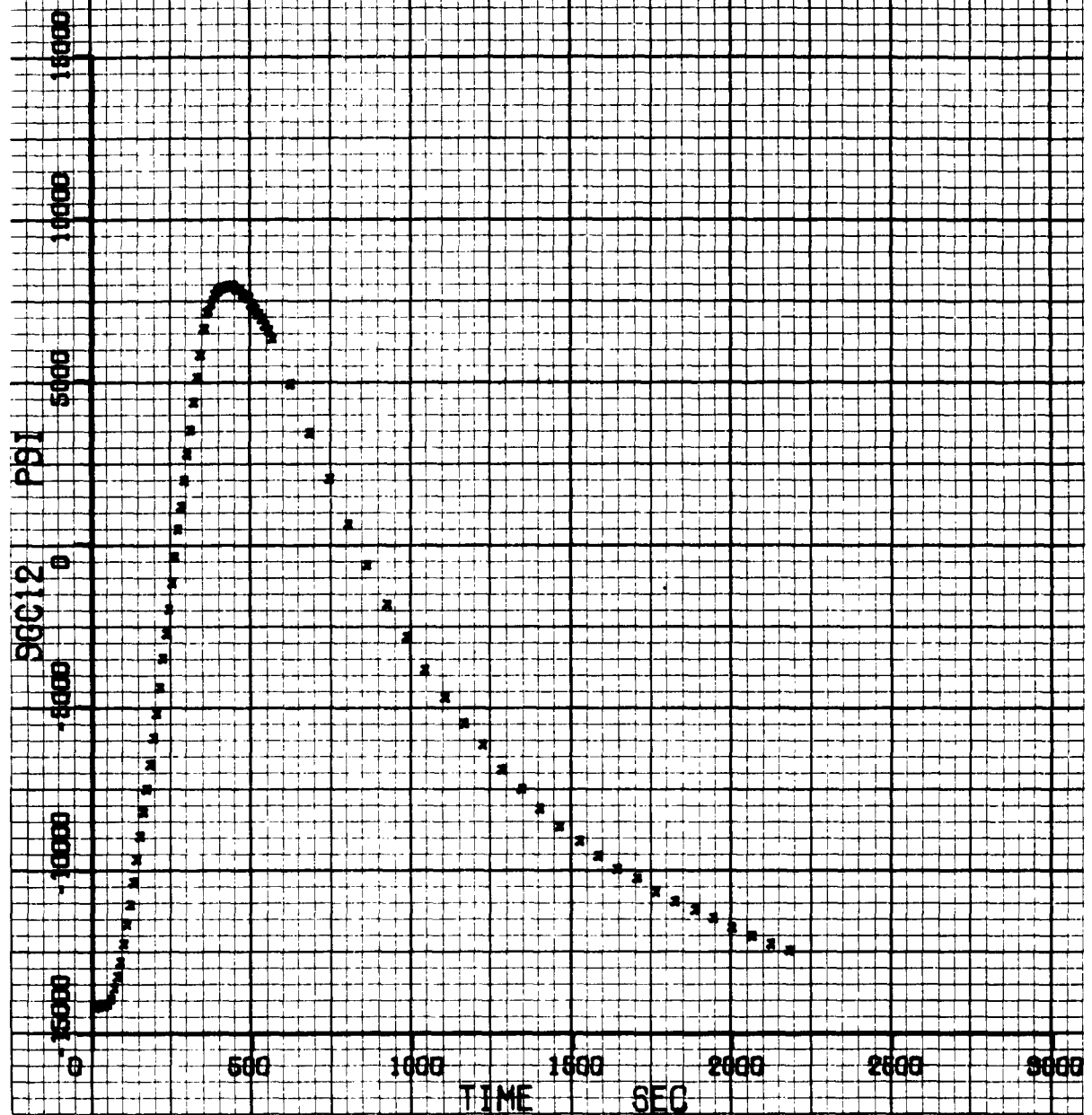
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



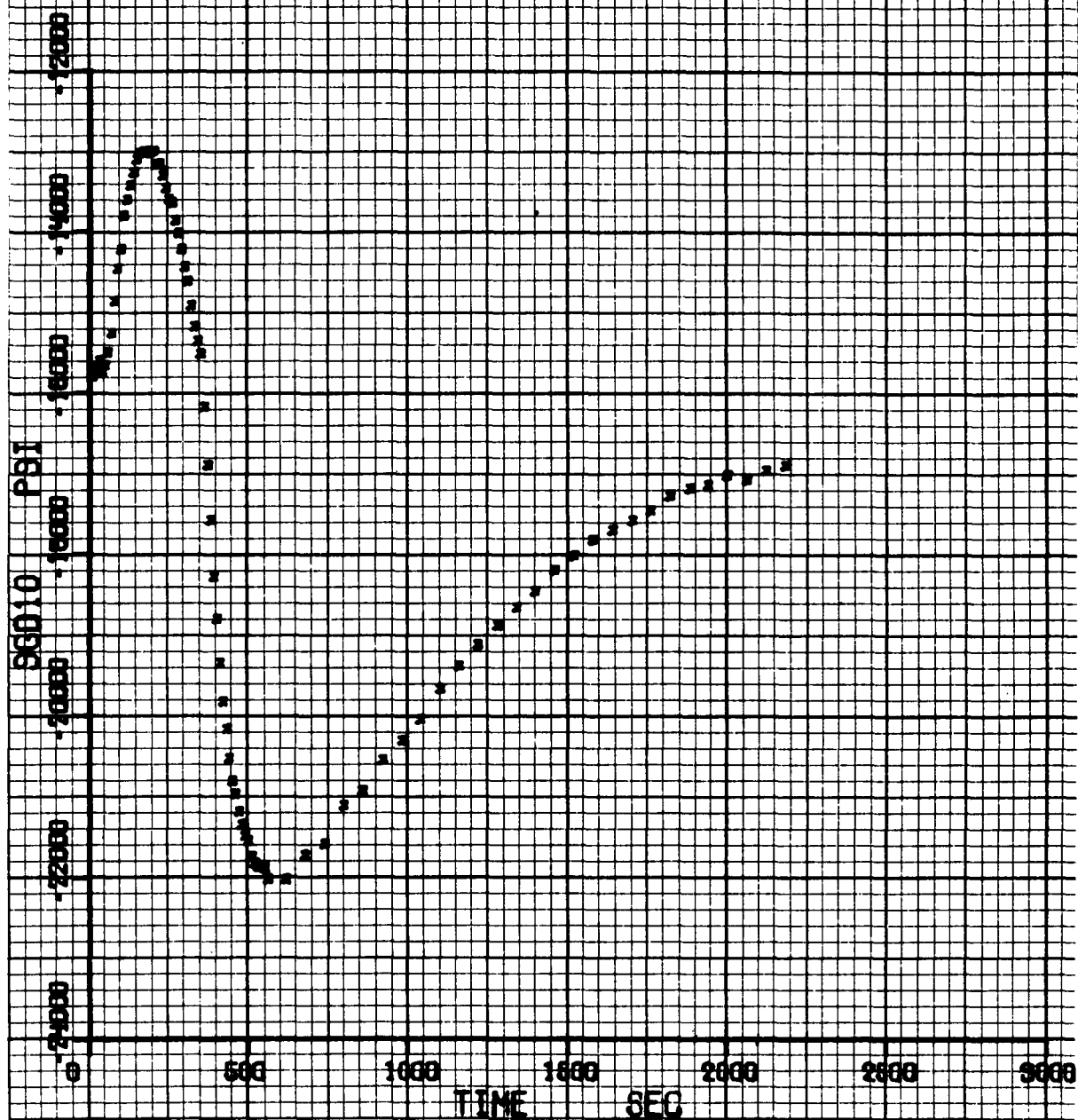
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

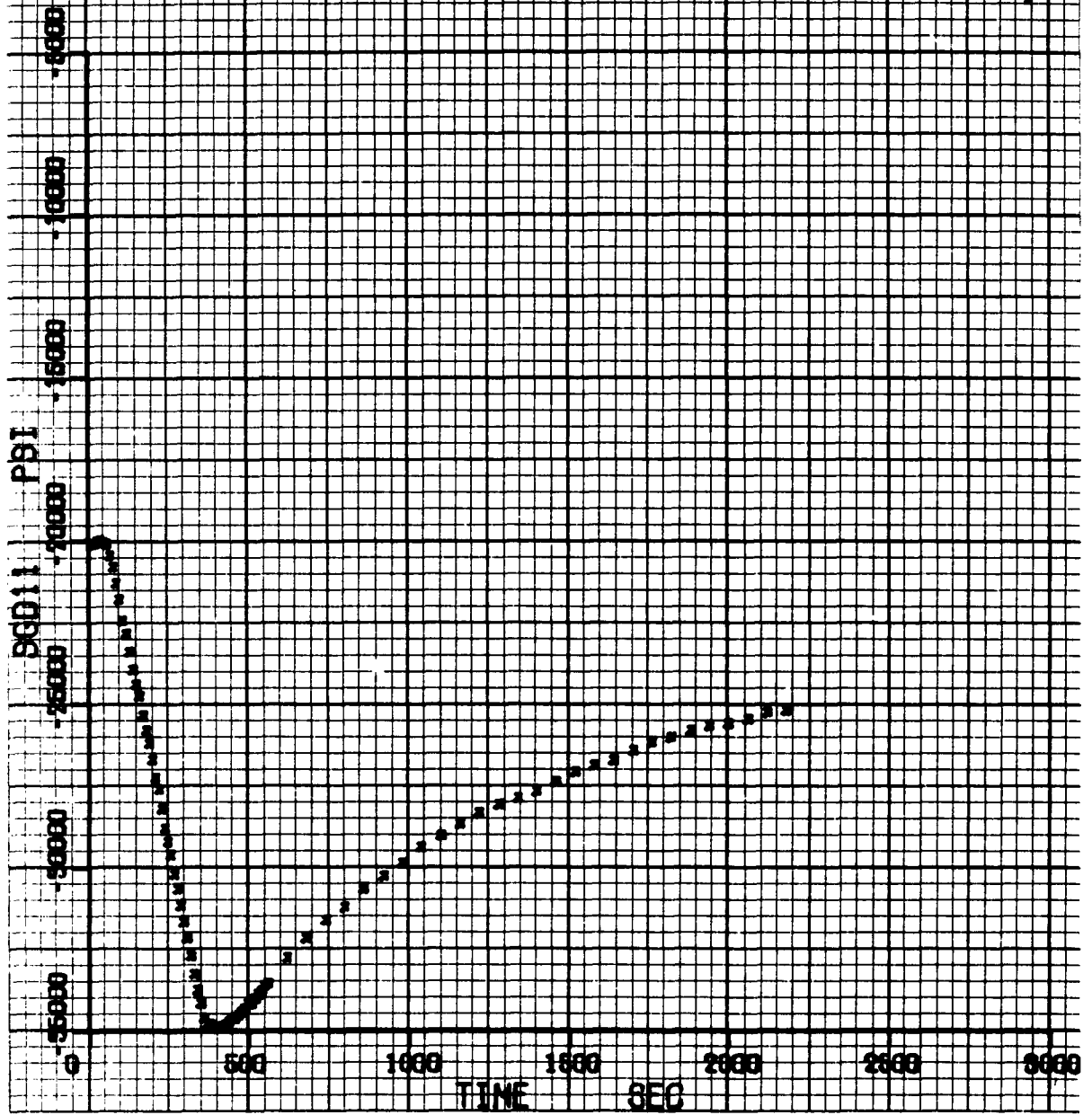
TEST 028 9/16





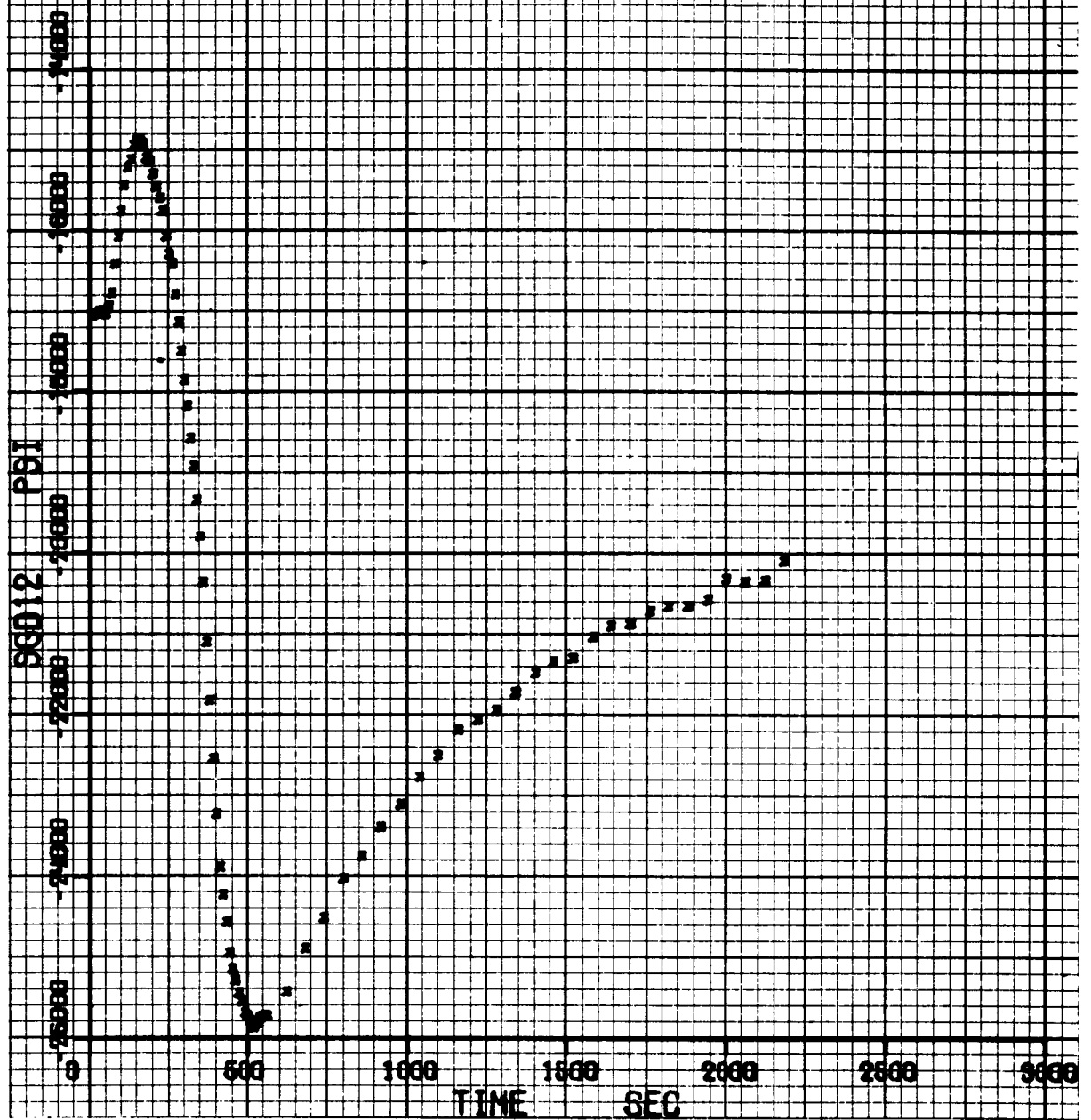
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



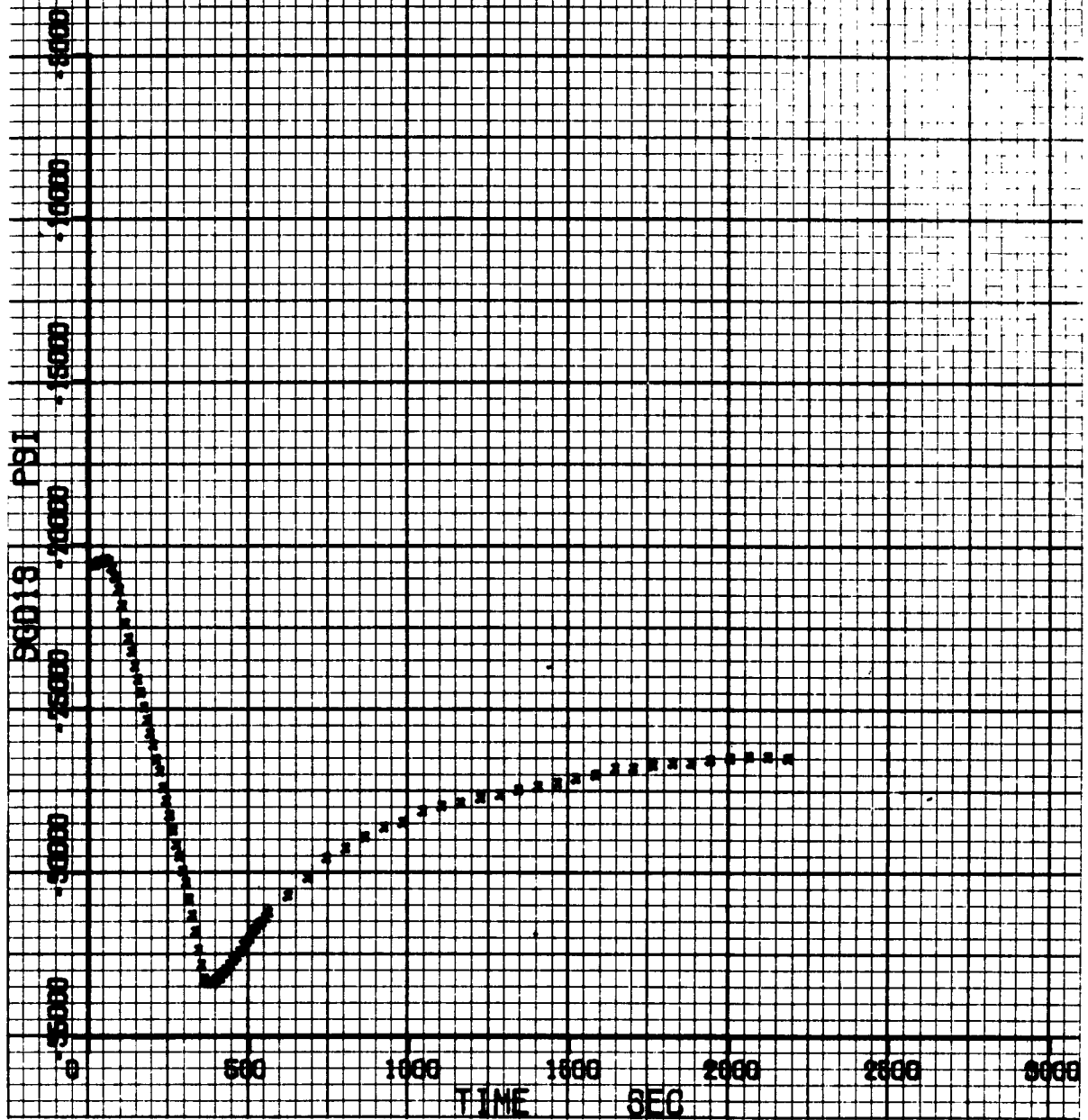
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



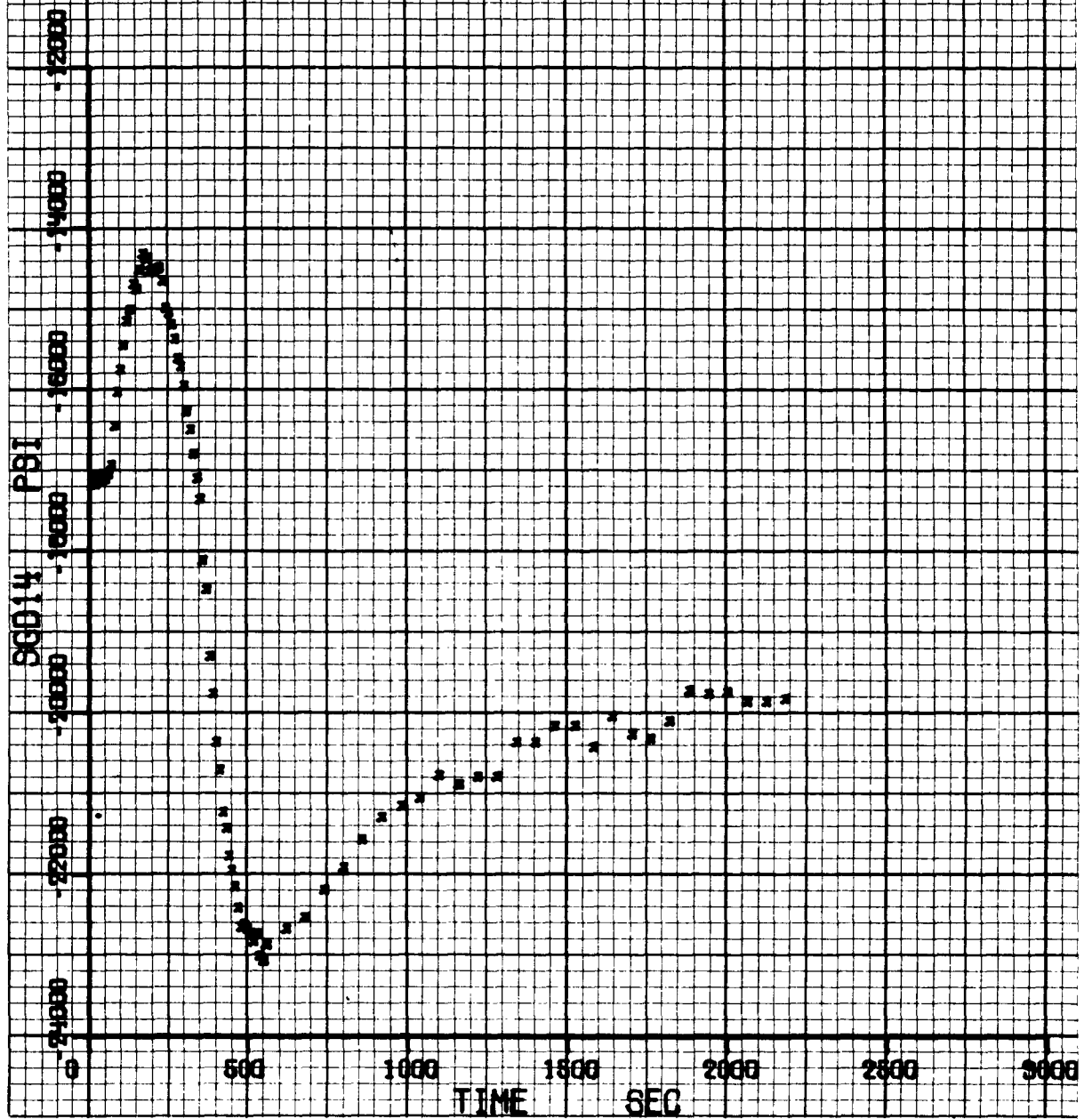
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



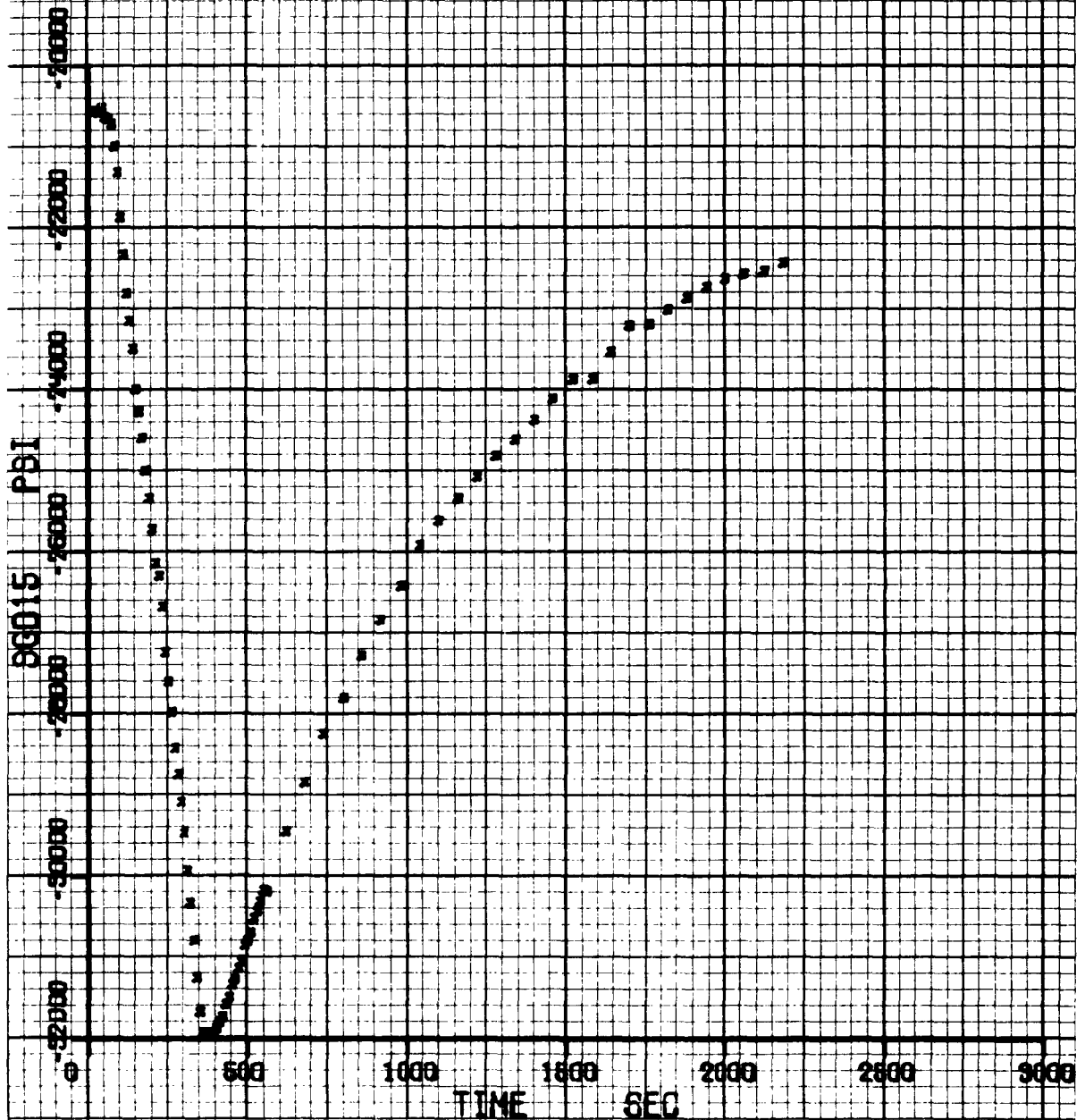
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



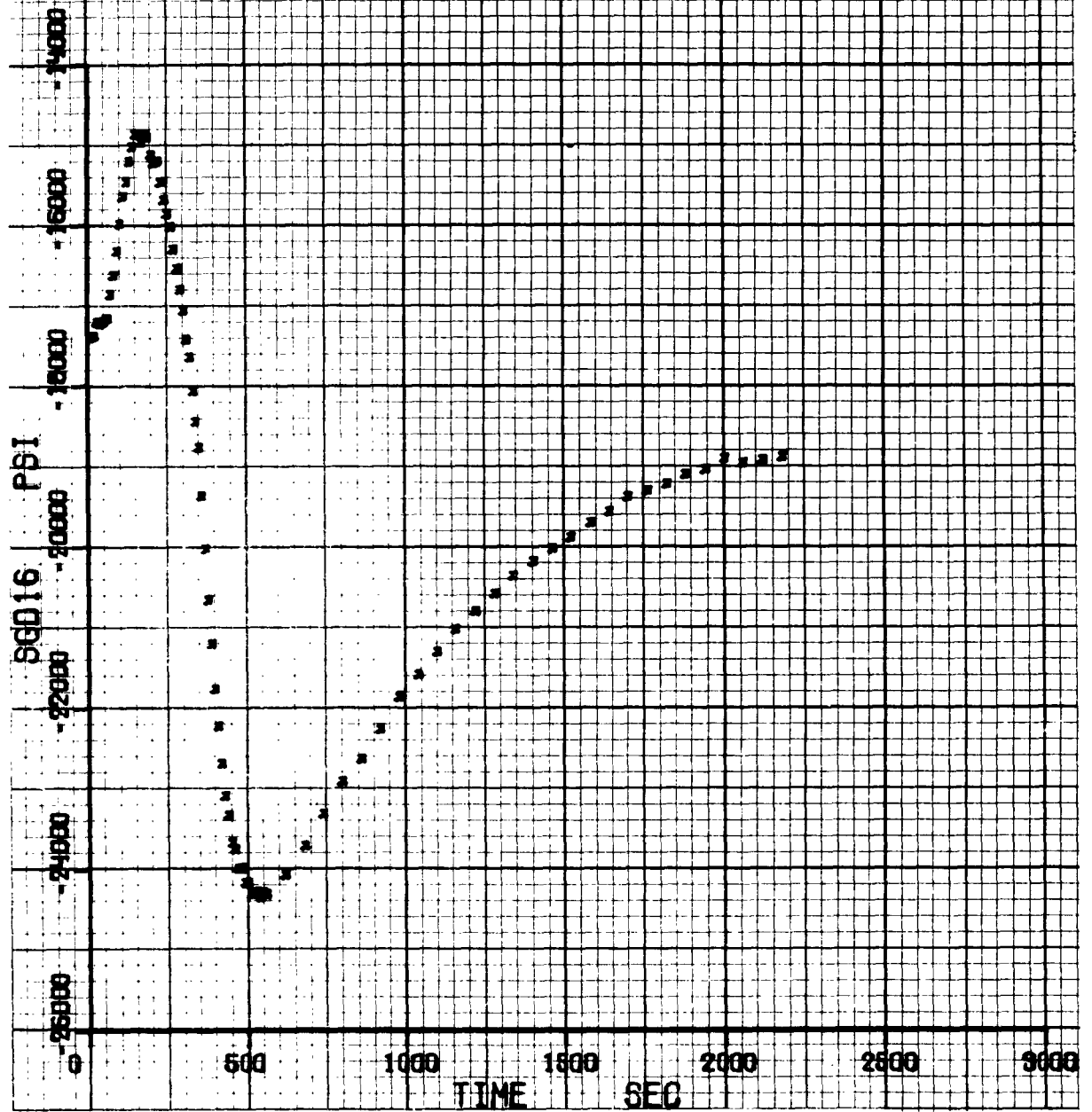
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



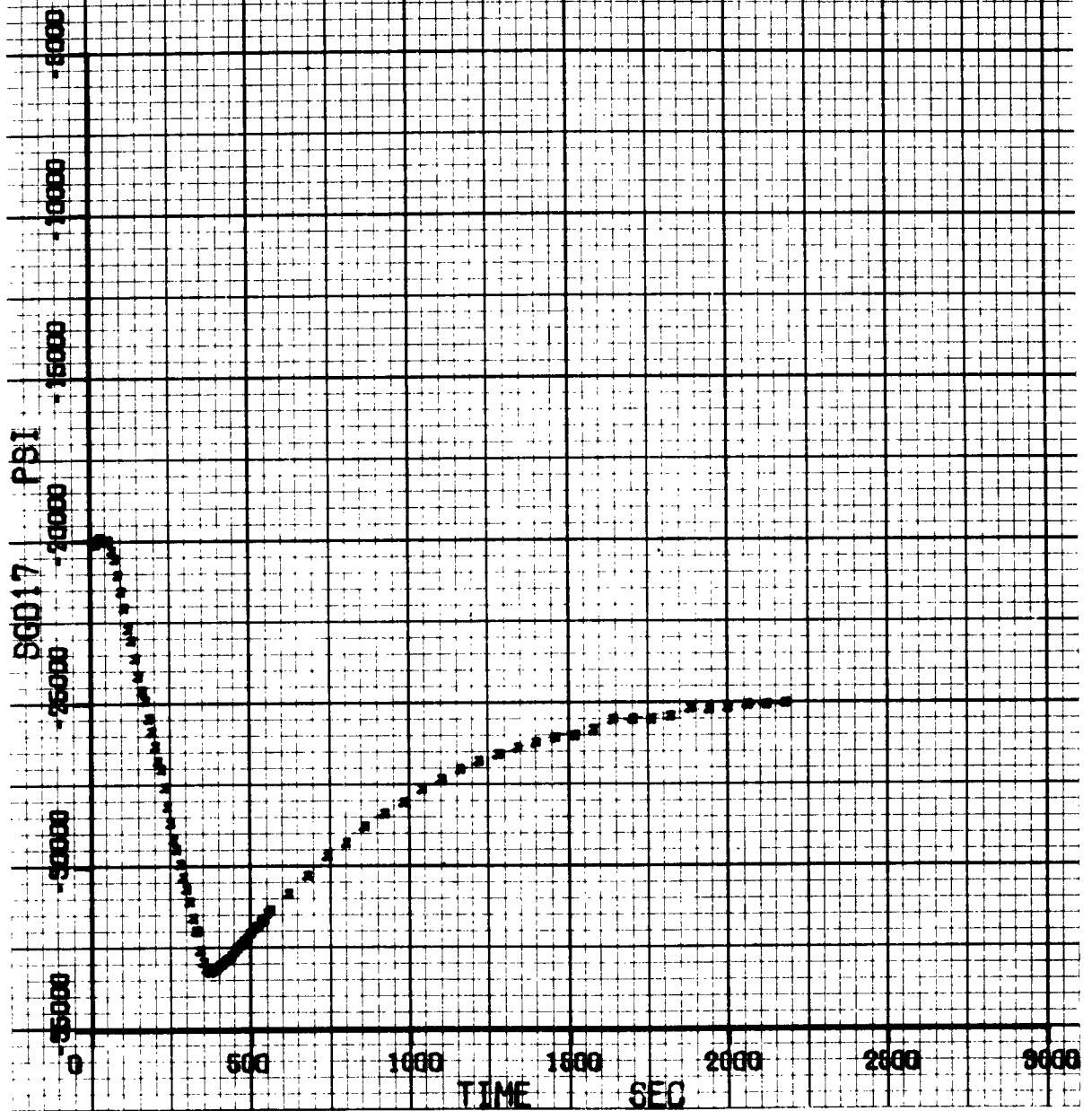
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



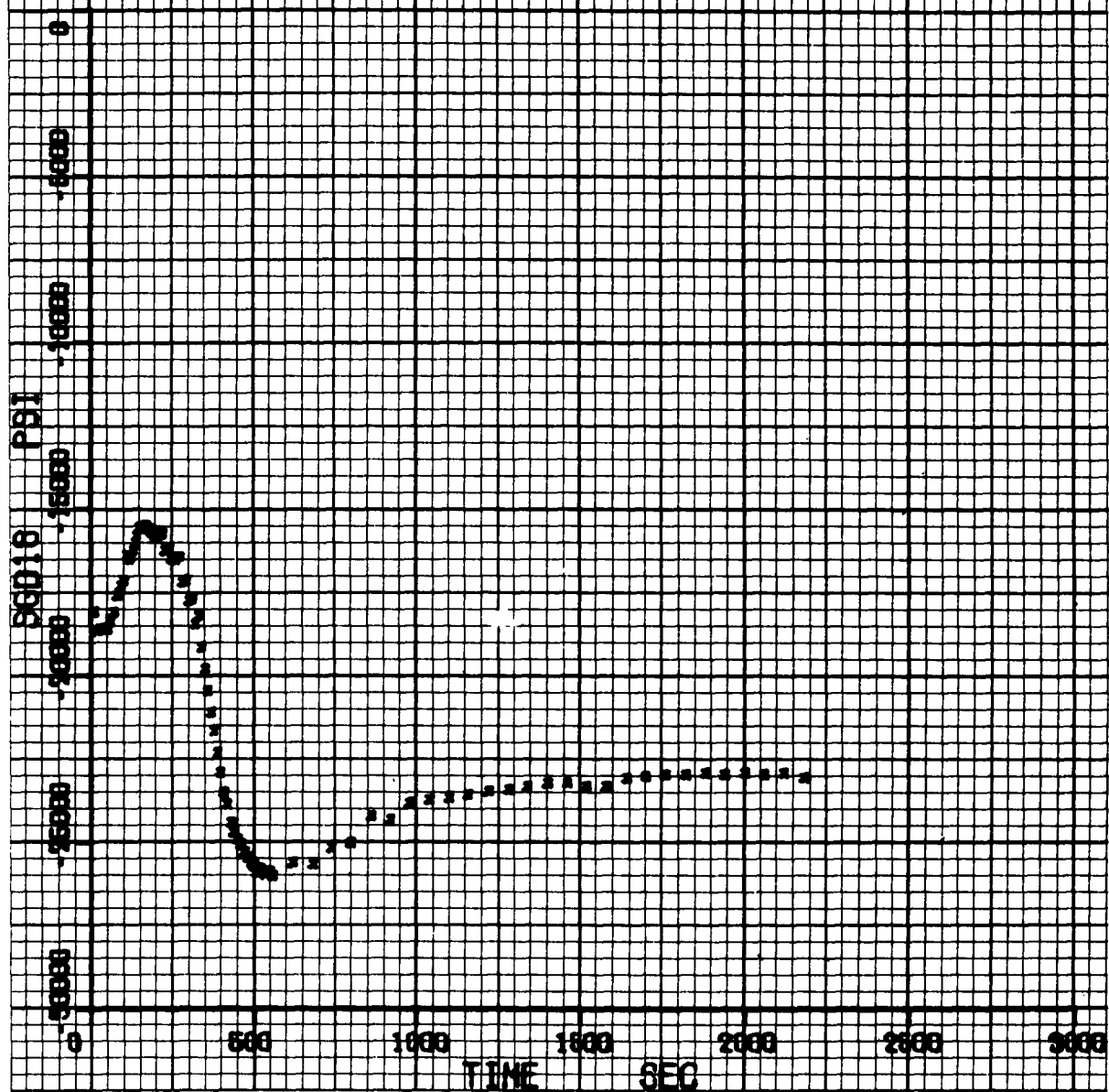
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# 331 WING BOX STATIC SPECIMEN

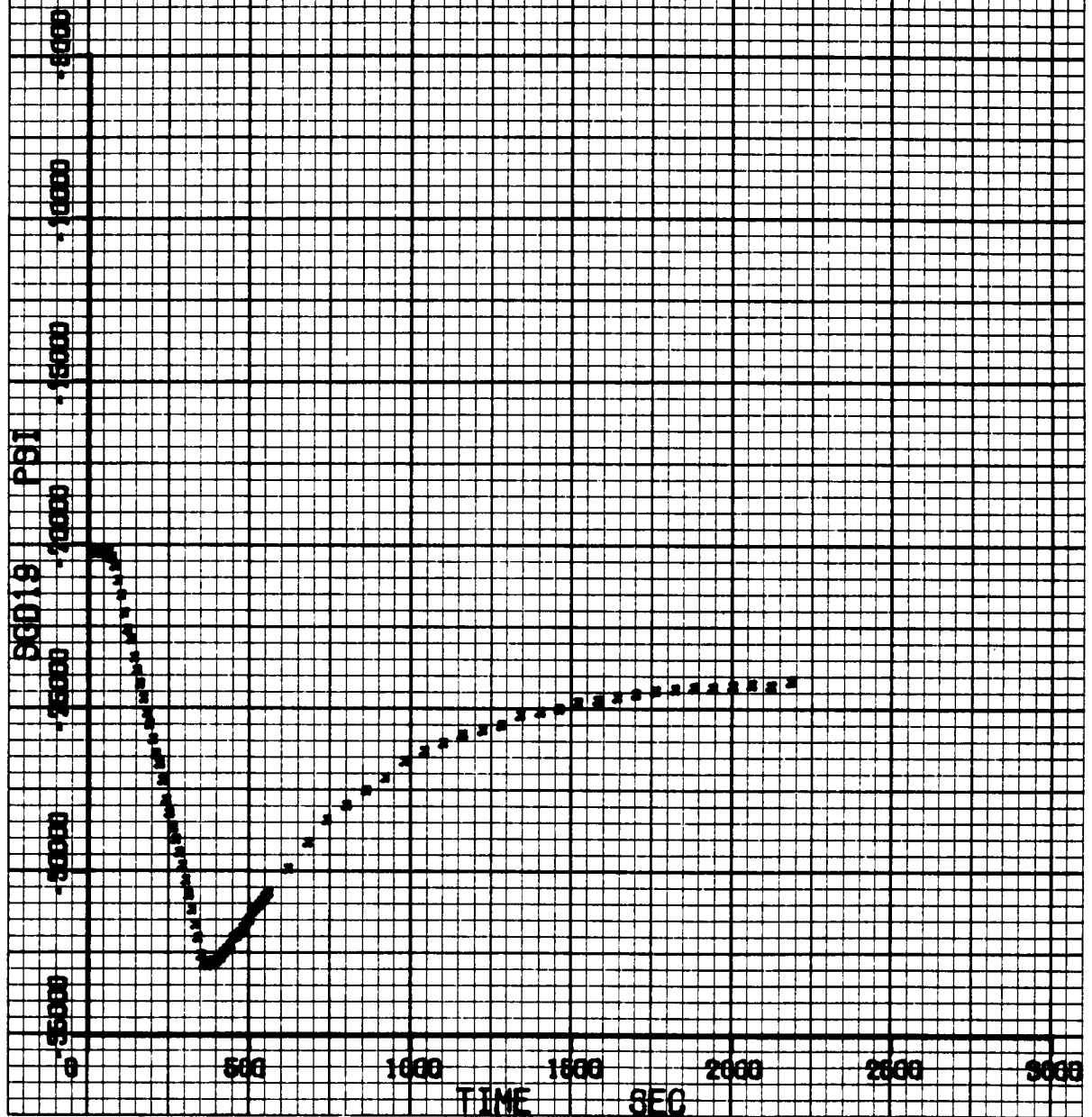
TEST 028 9/16





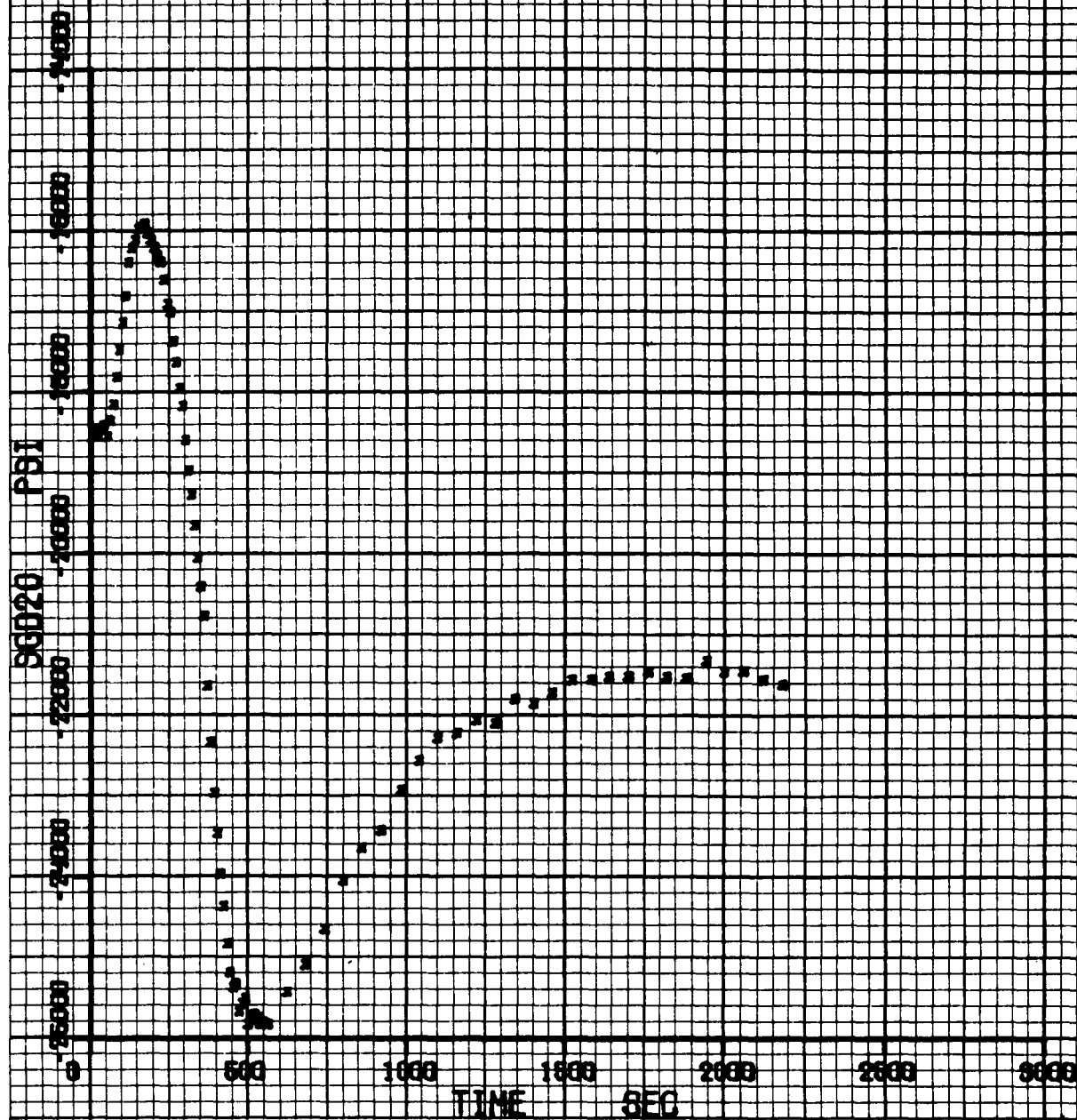
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



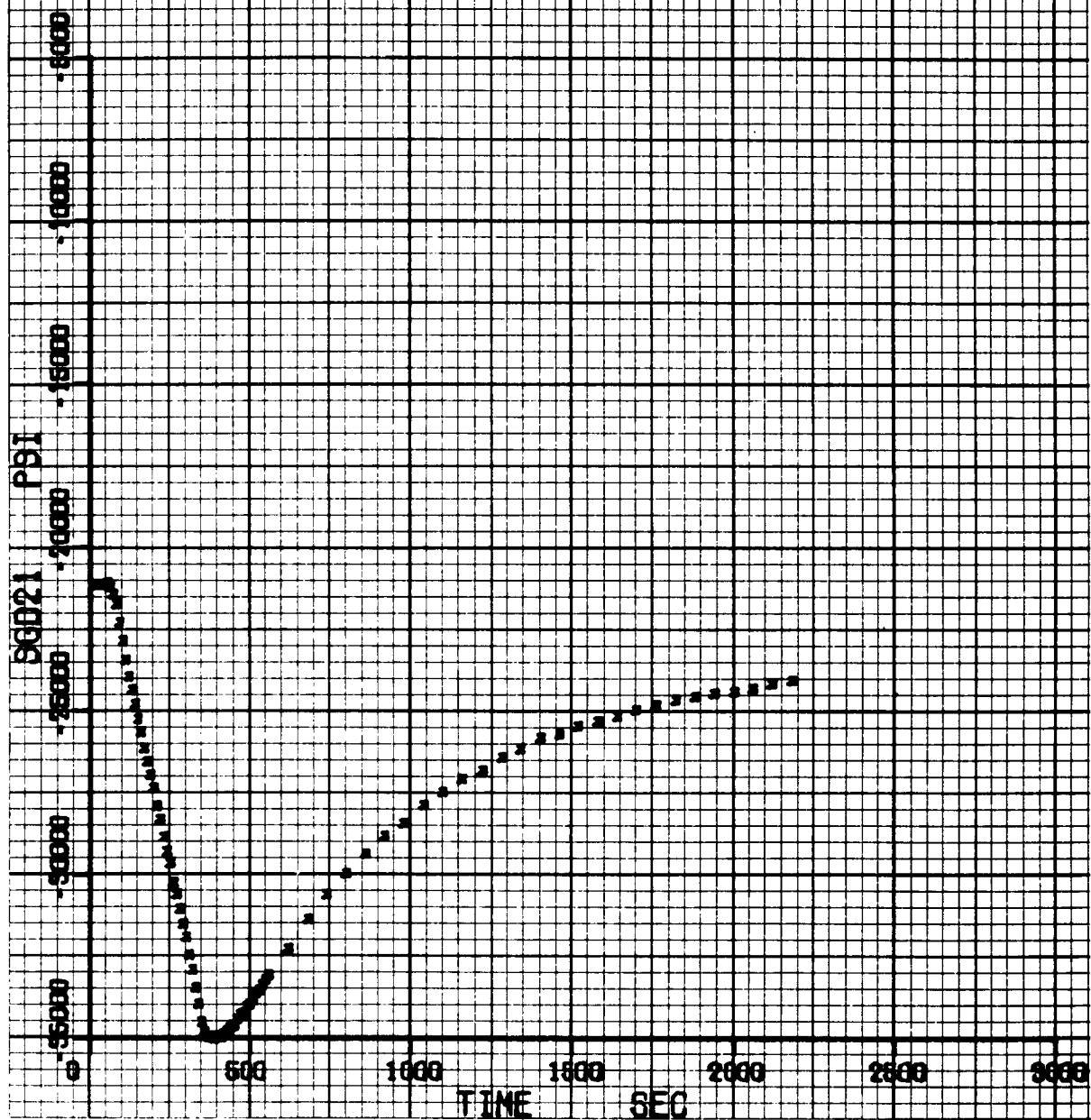
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



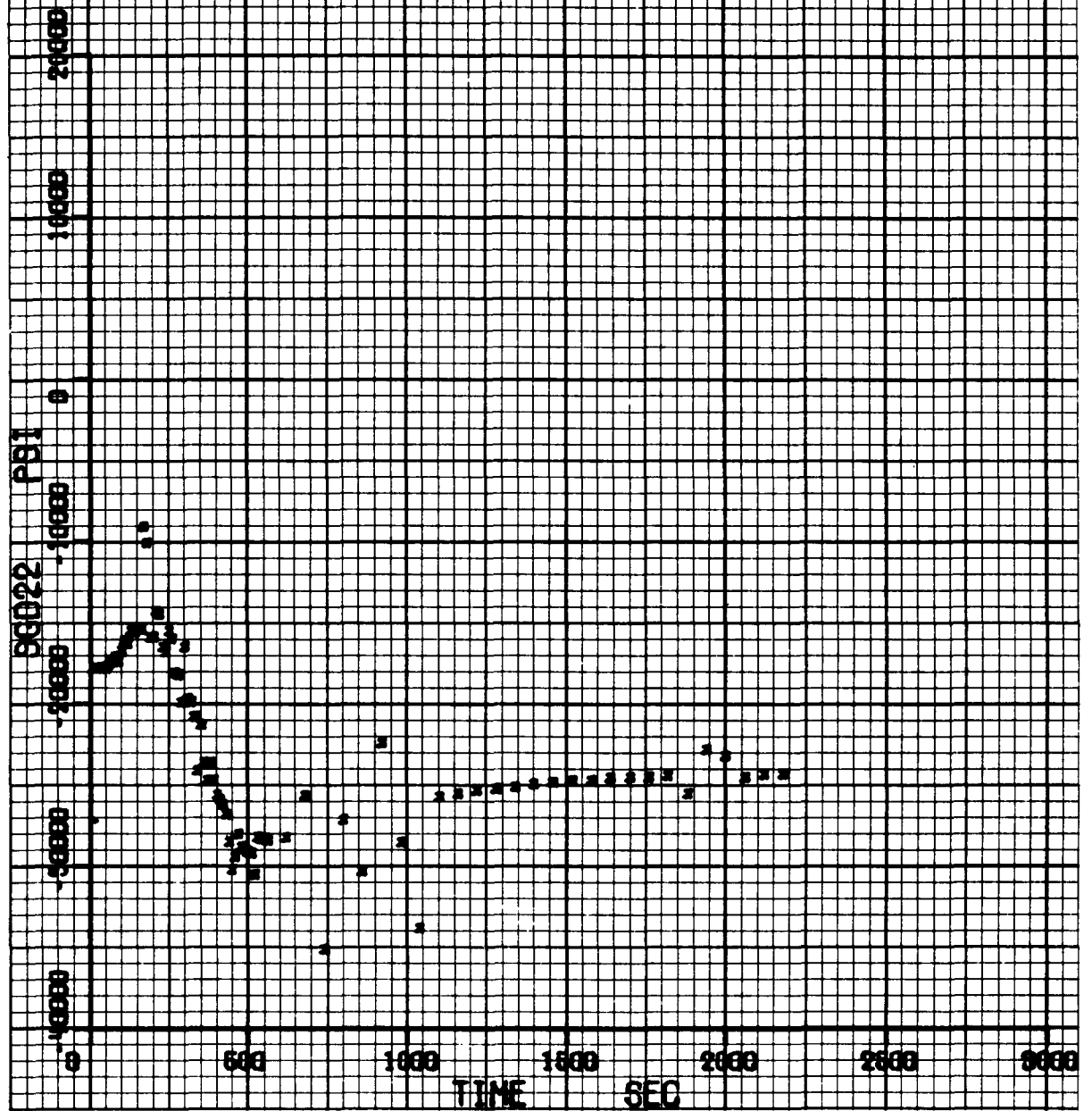
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



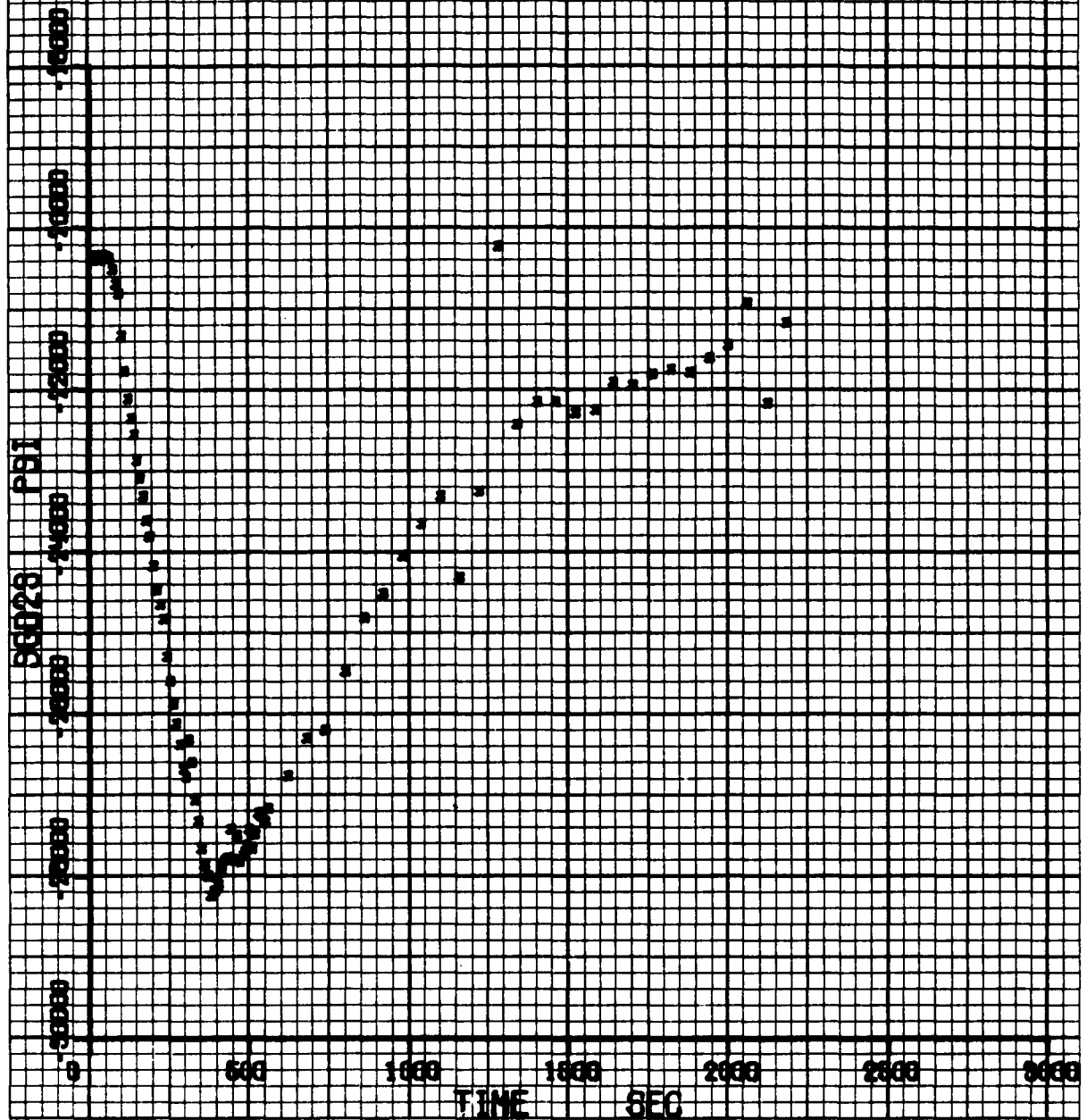
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



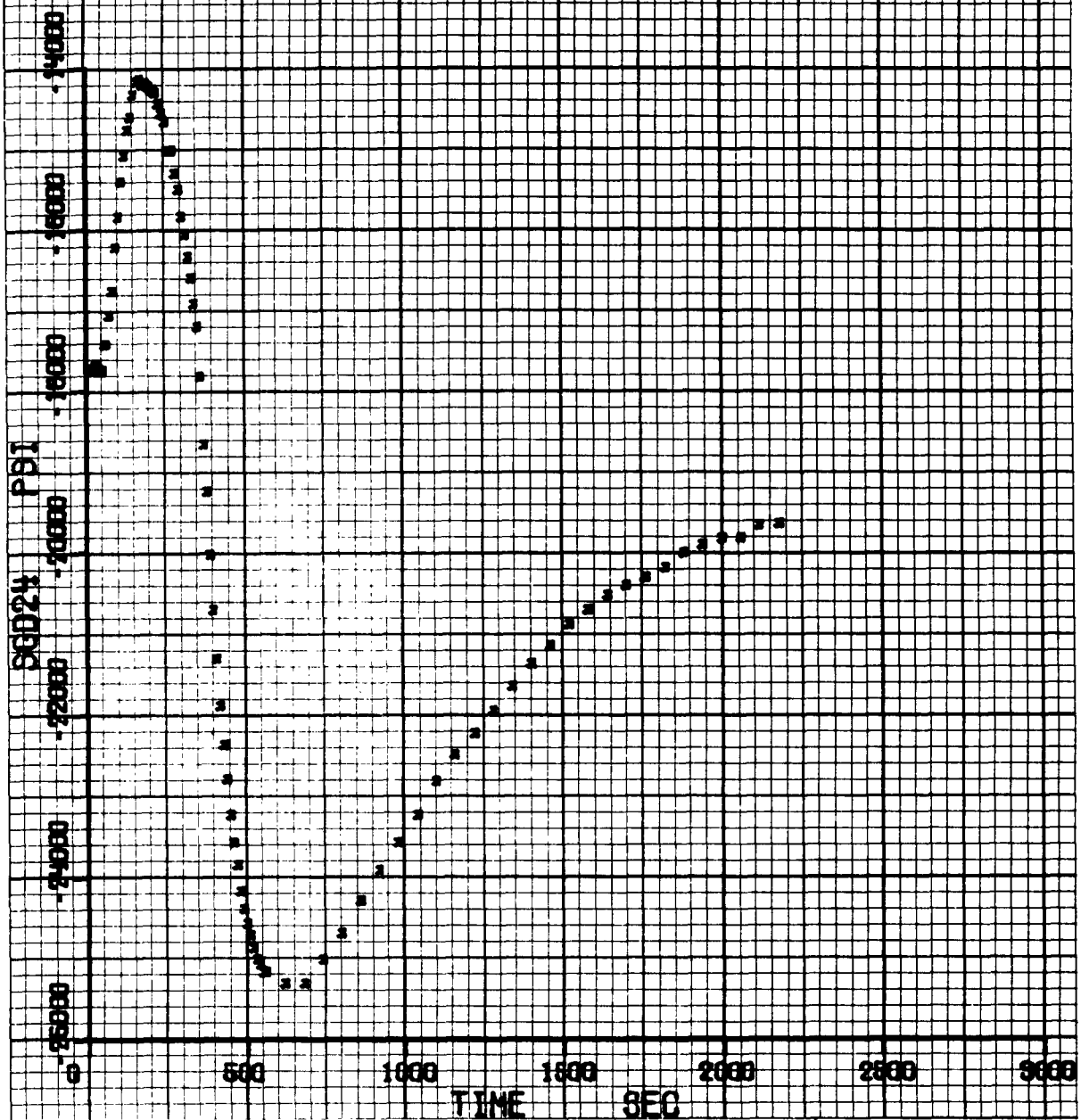
# SST WING BOX STATIC SPECIMEN

TEST 028 9/15



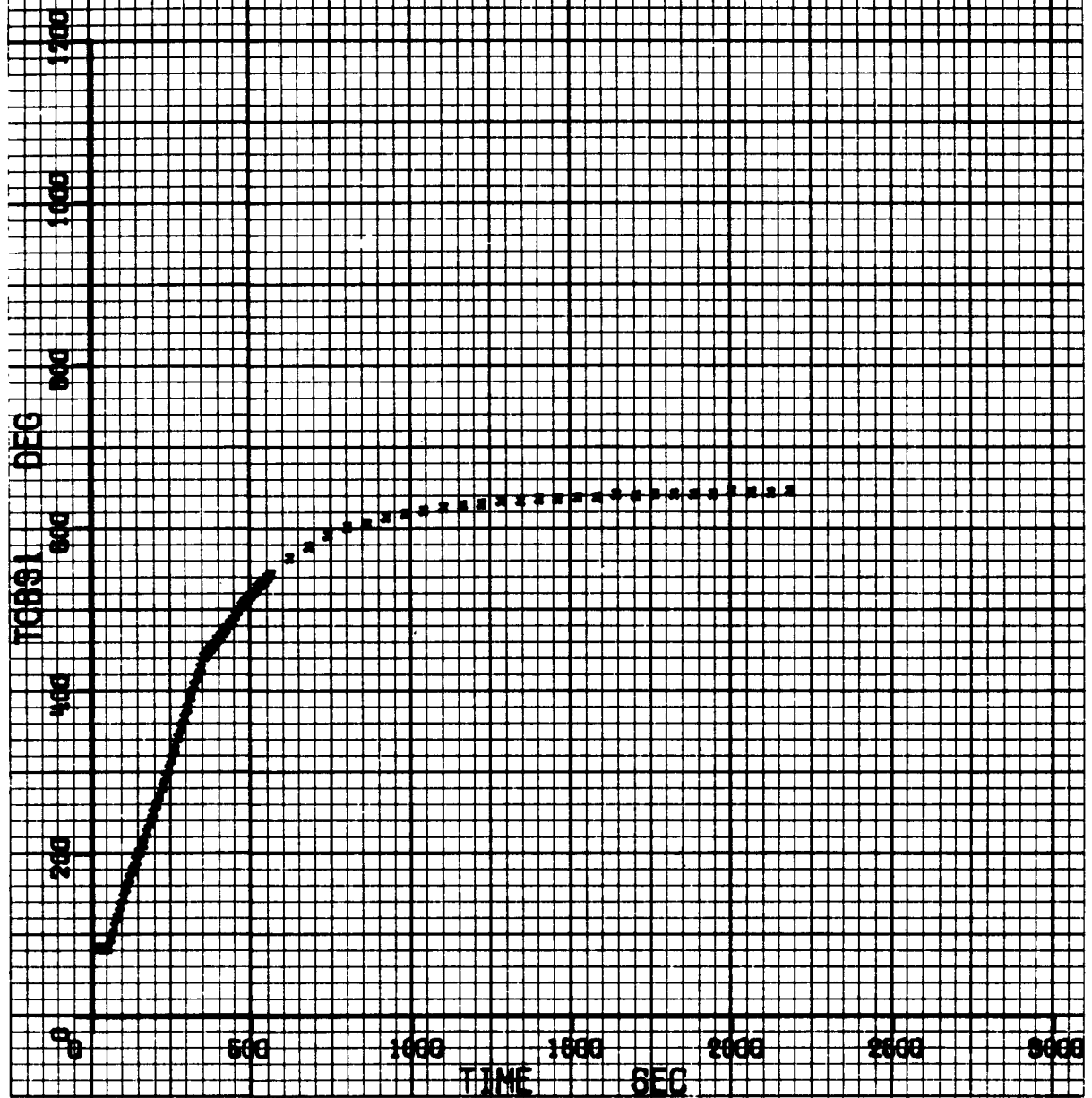
# SST WING BOX STATIC SPECIMEN

TEST 029 9/16



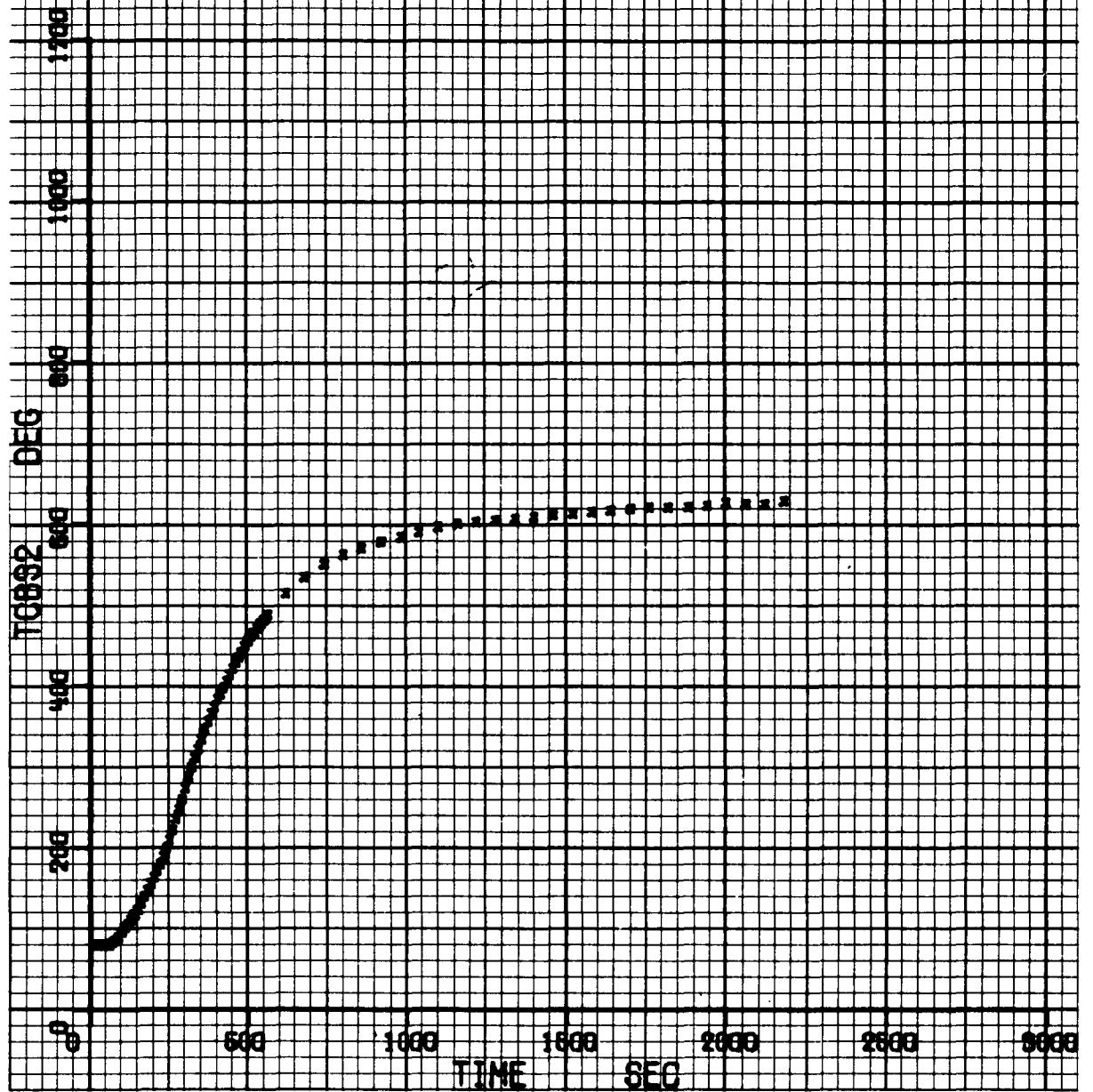
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

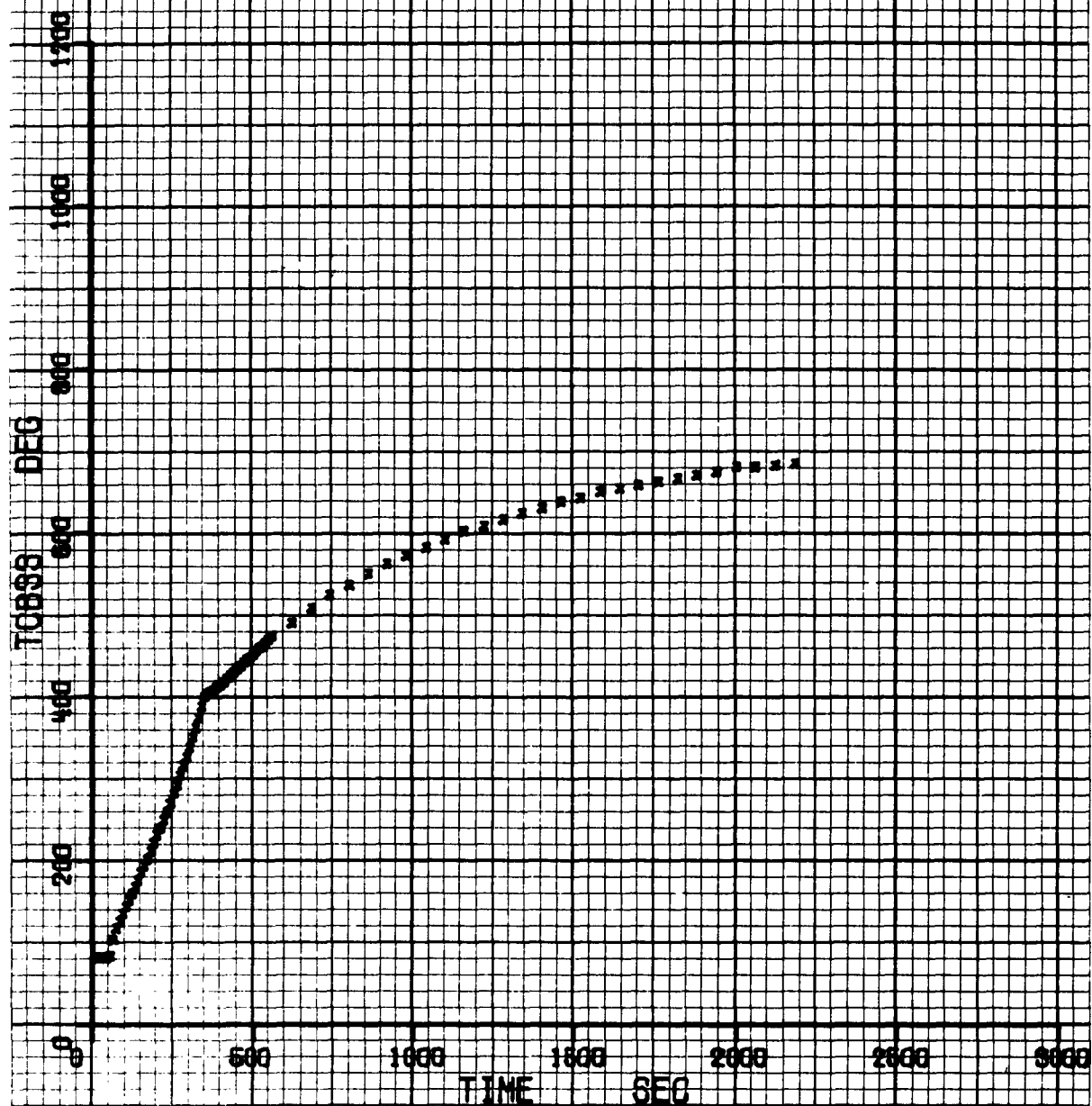
TEST 028 9/16





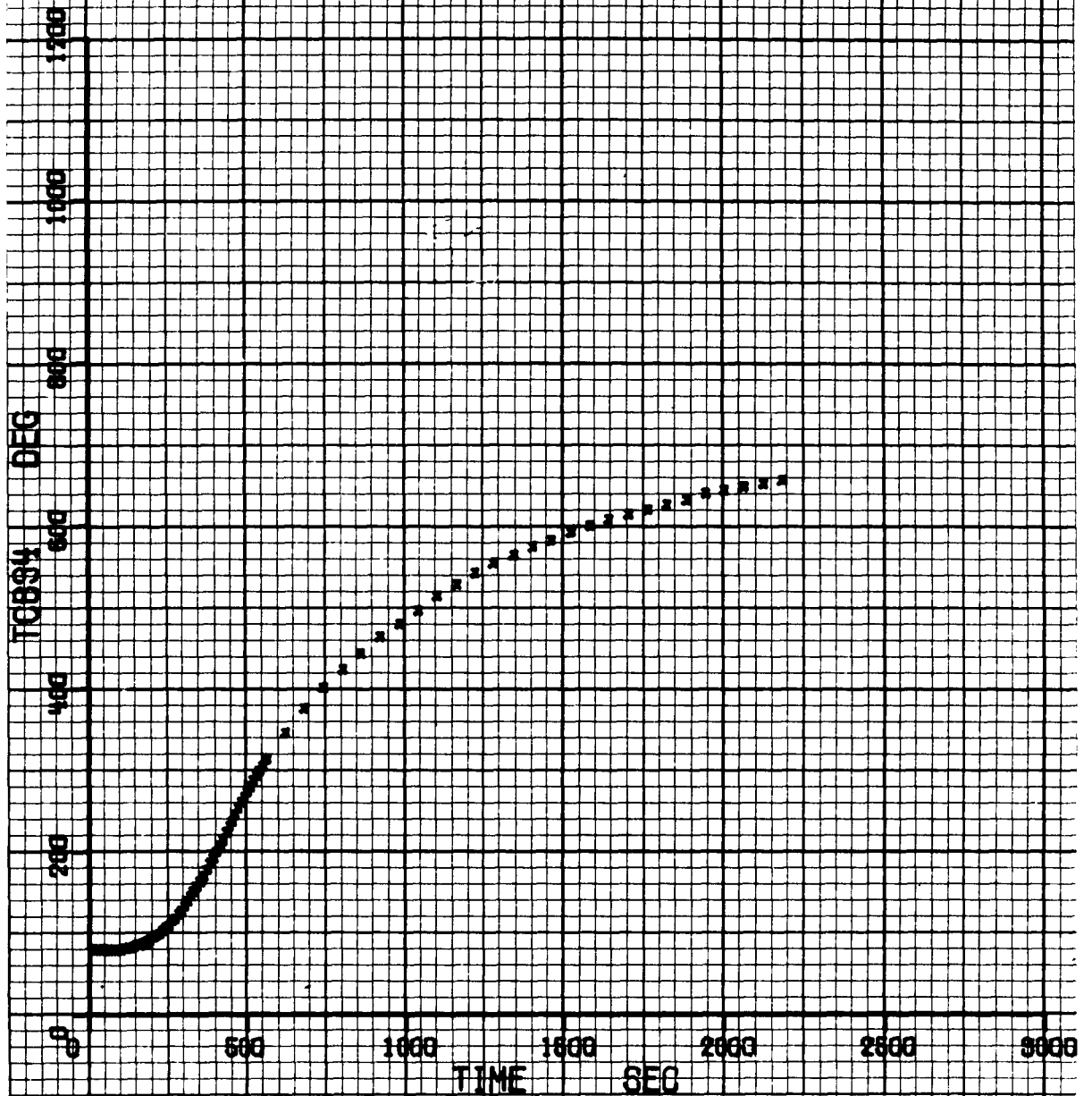
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



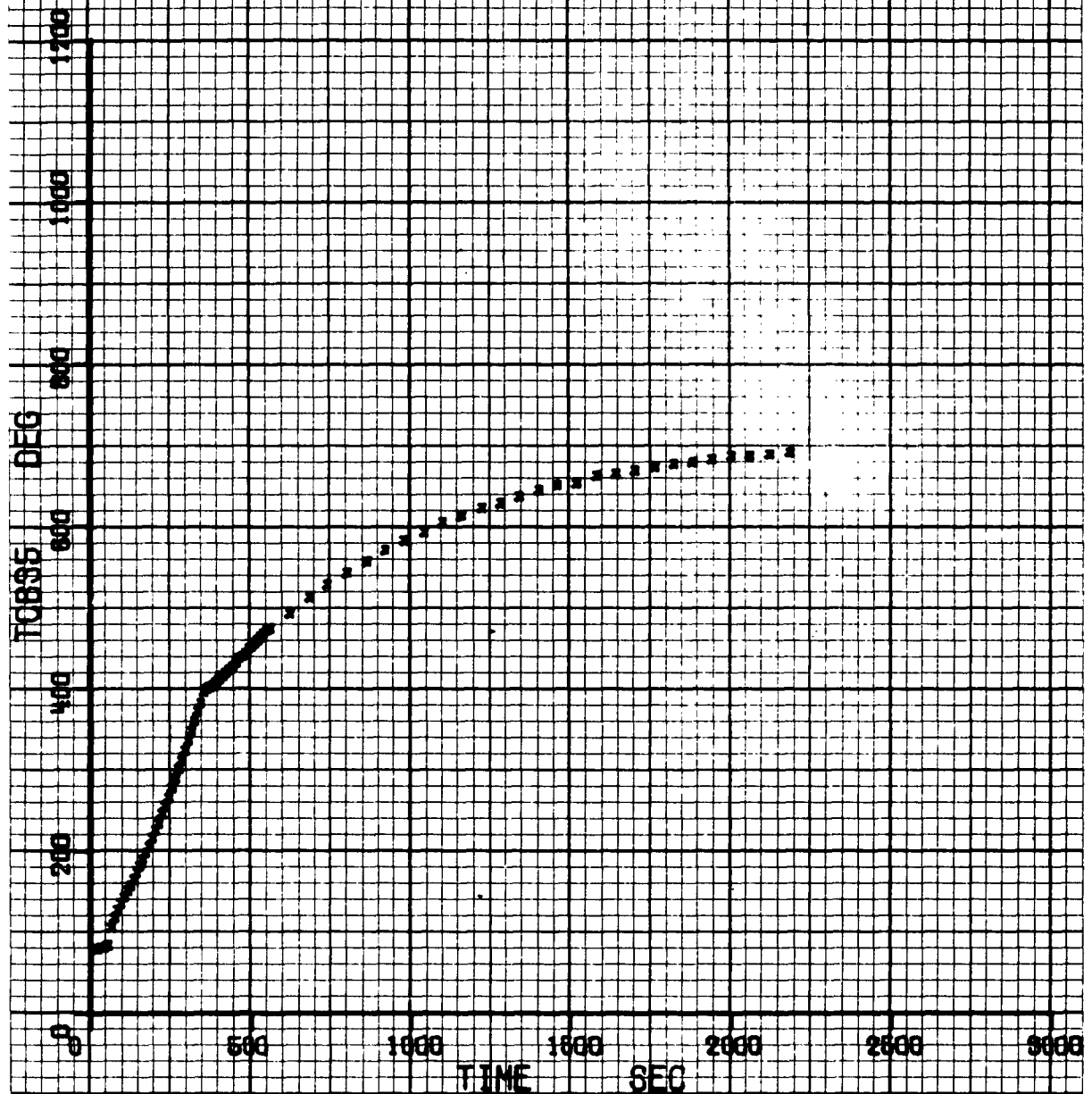
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



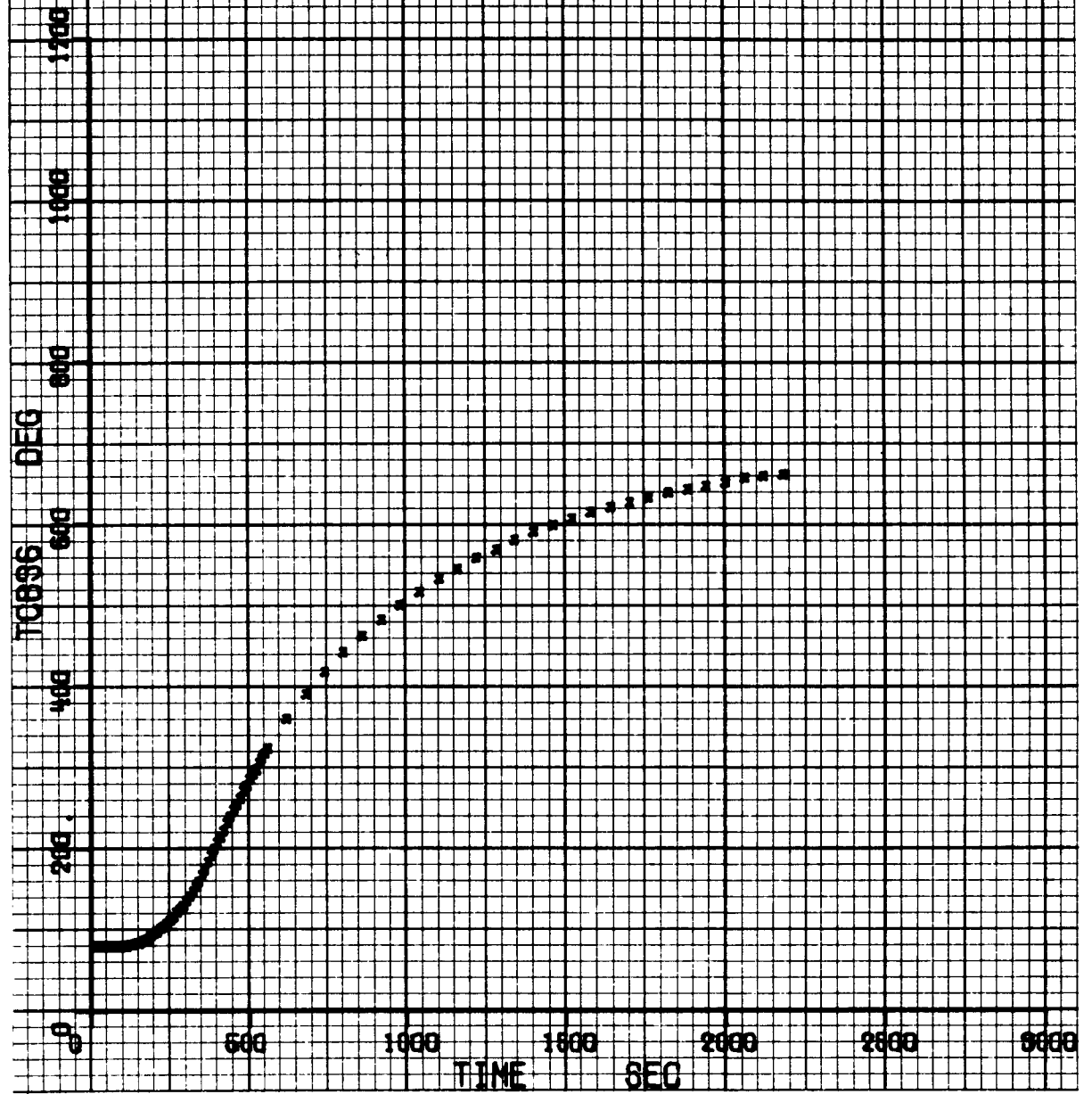
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



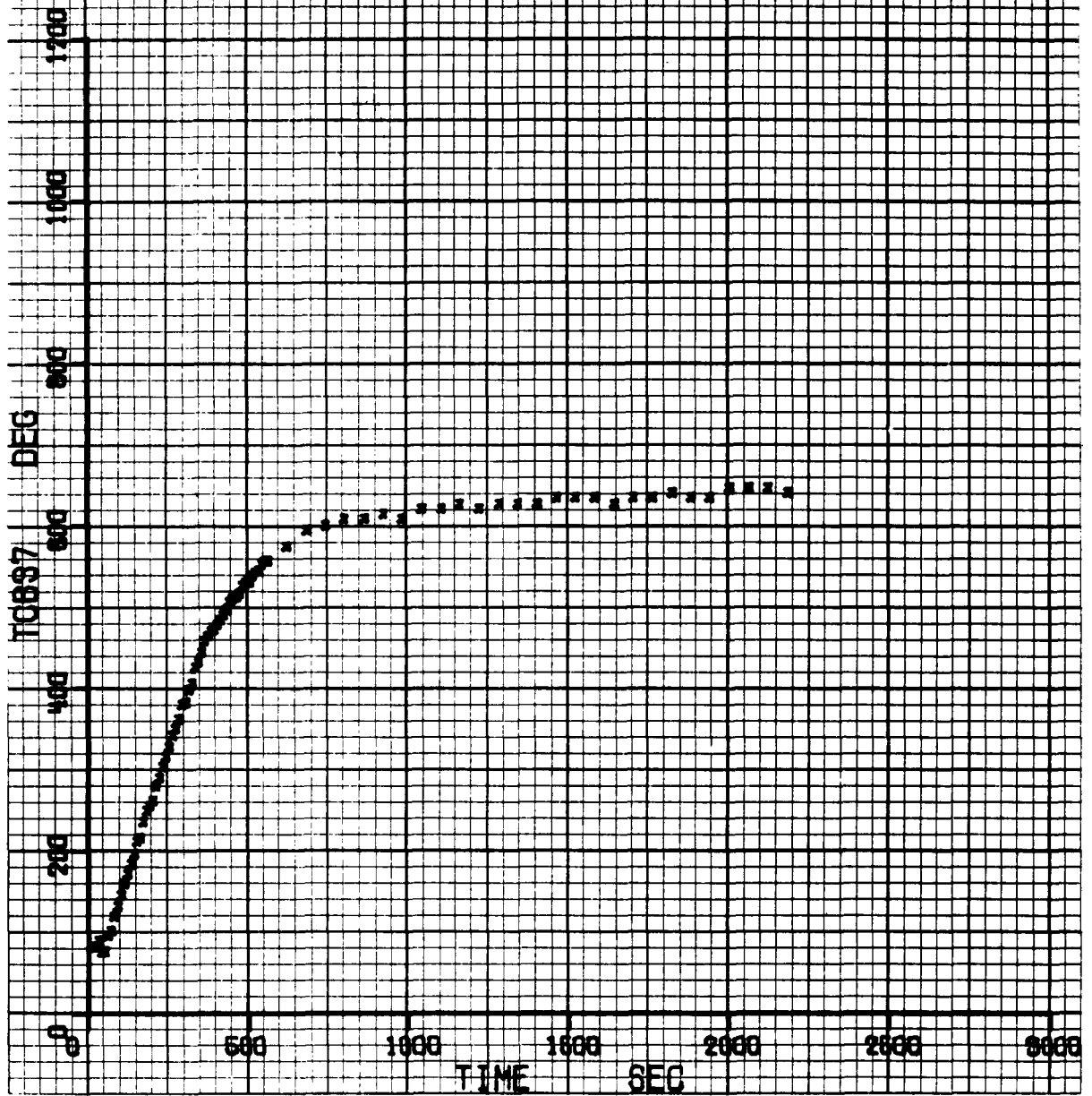
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



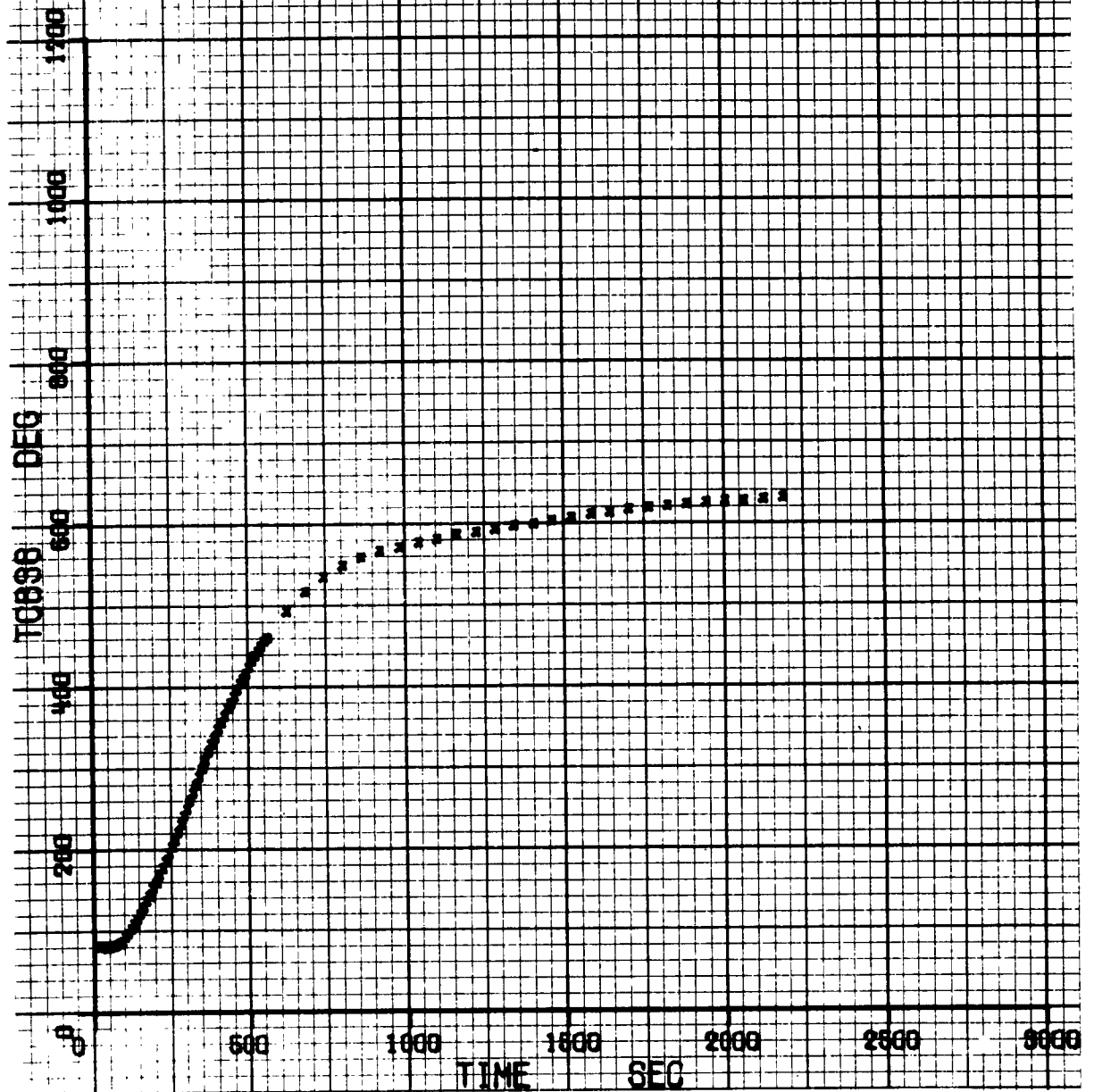
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



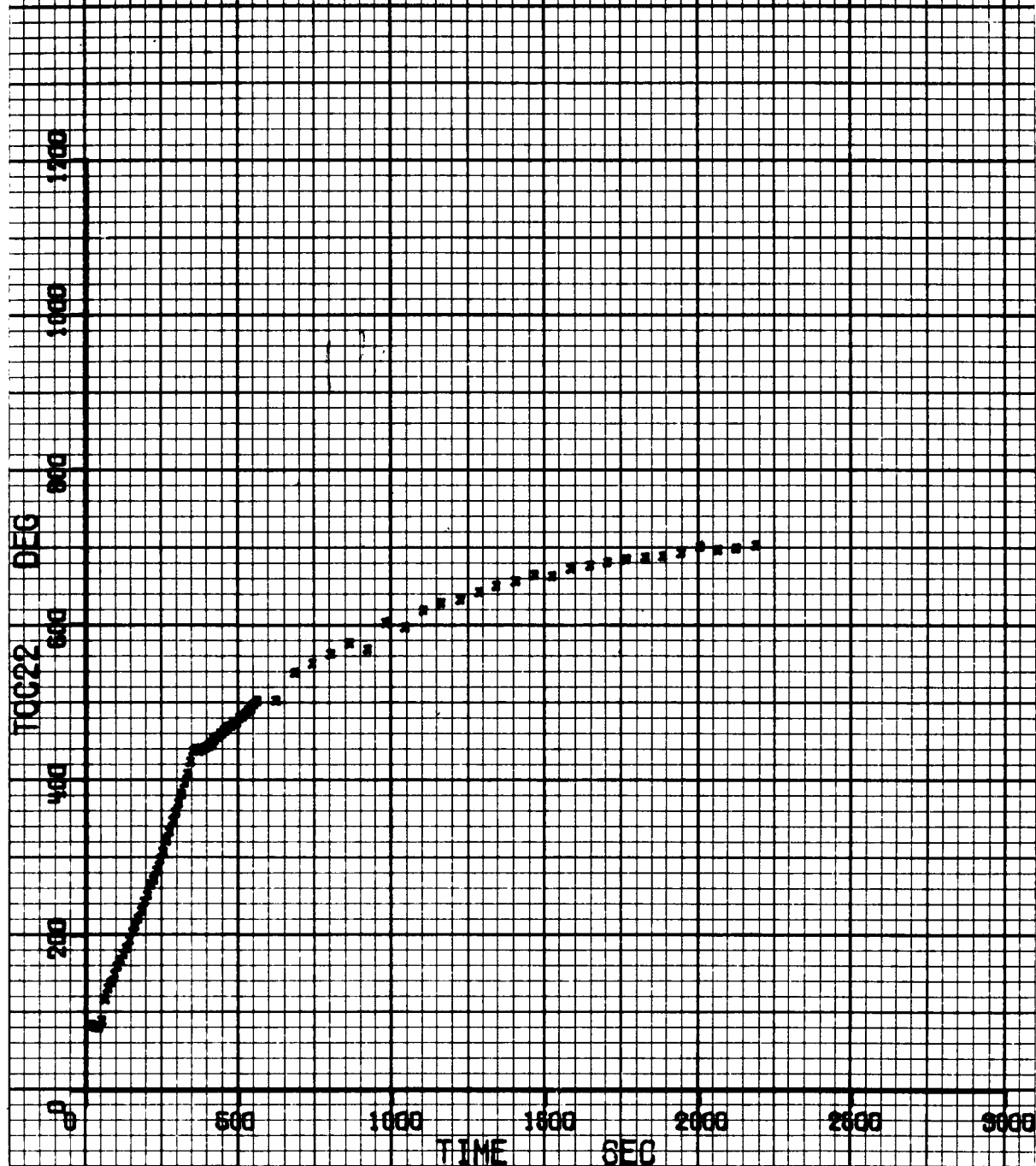
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



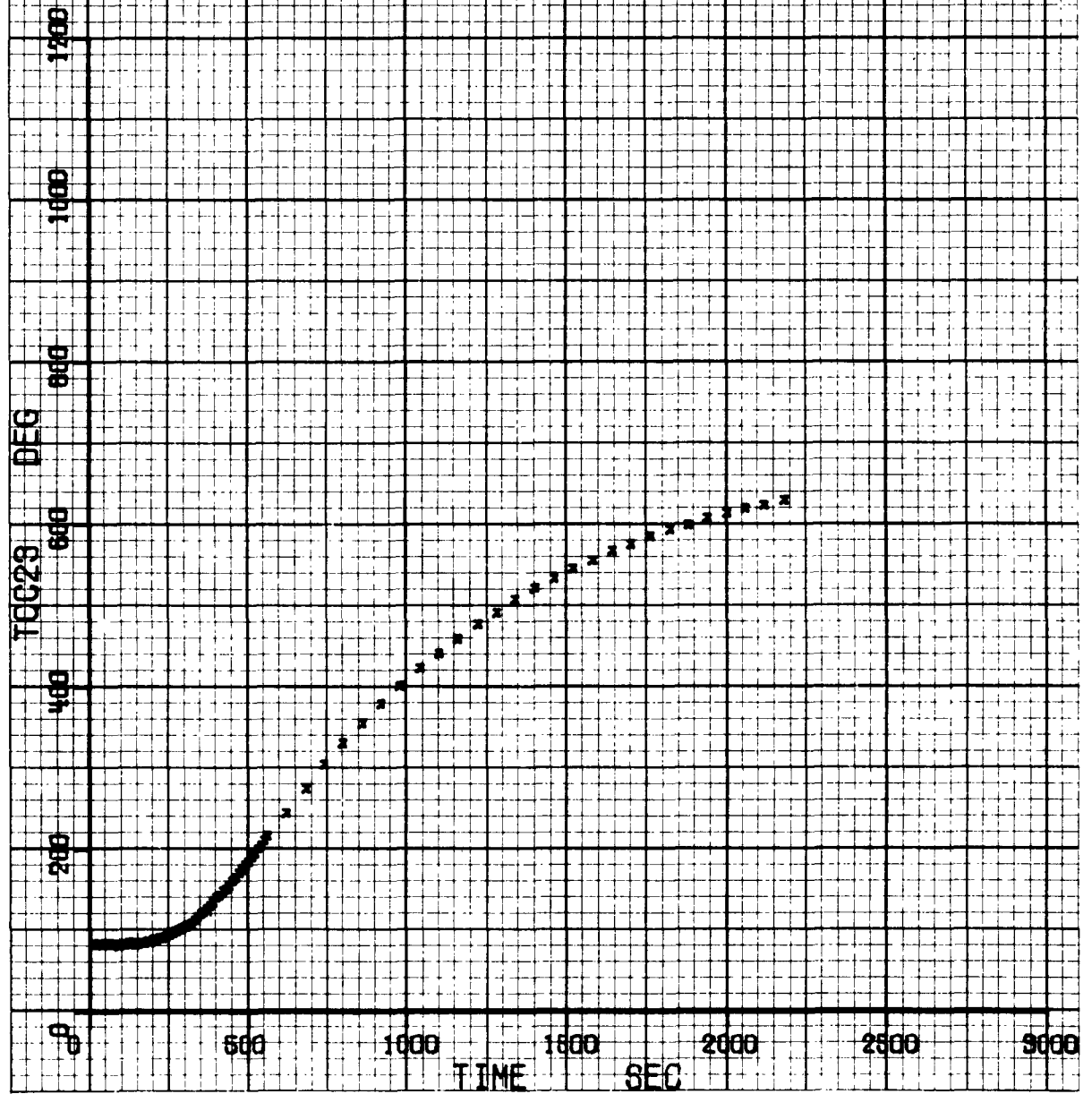
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16

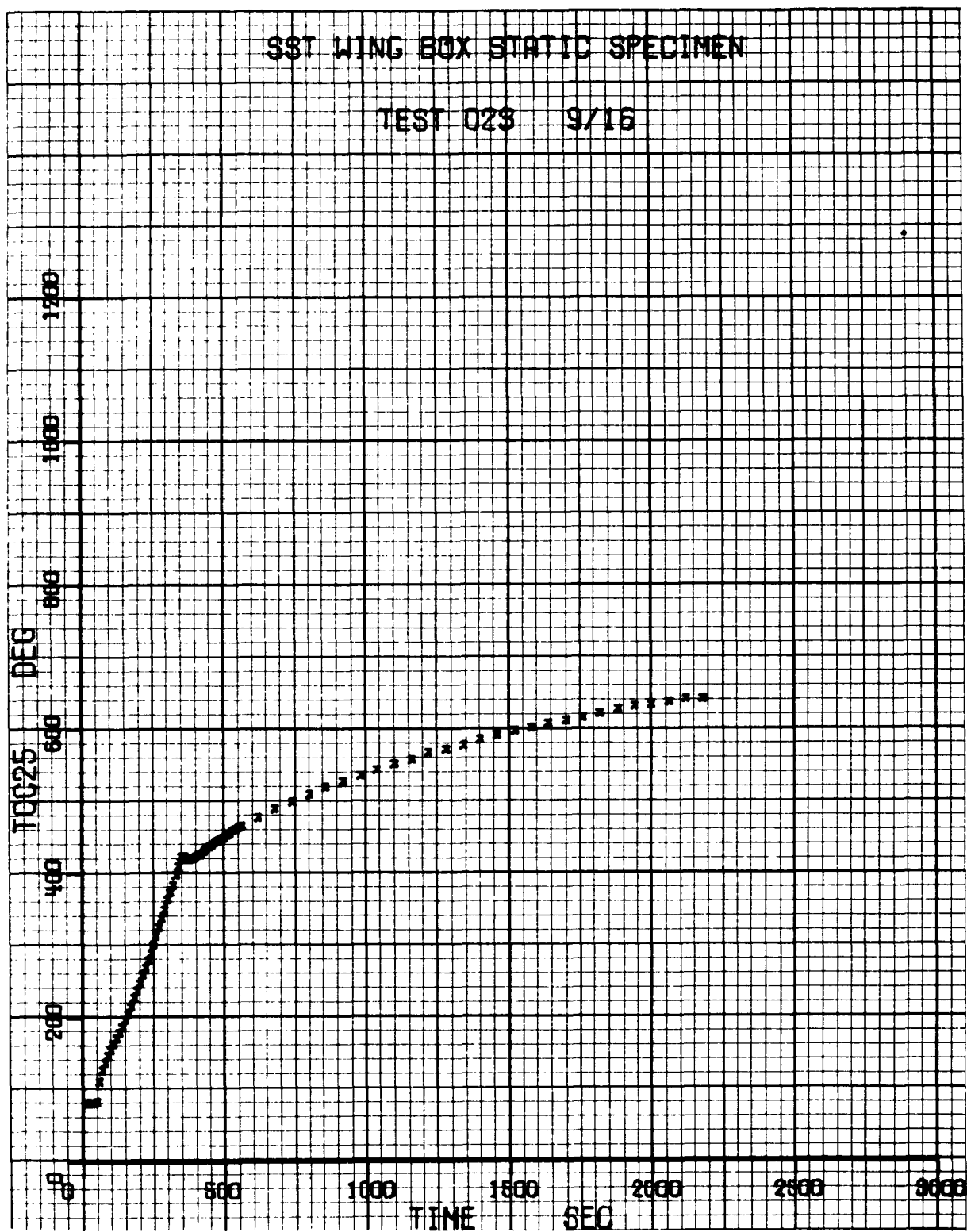


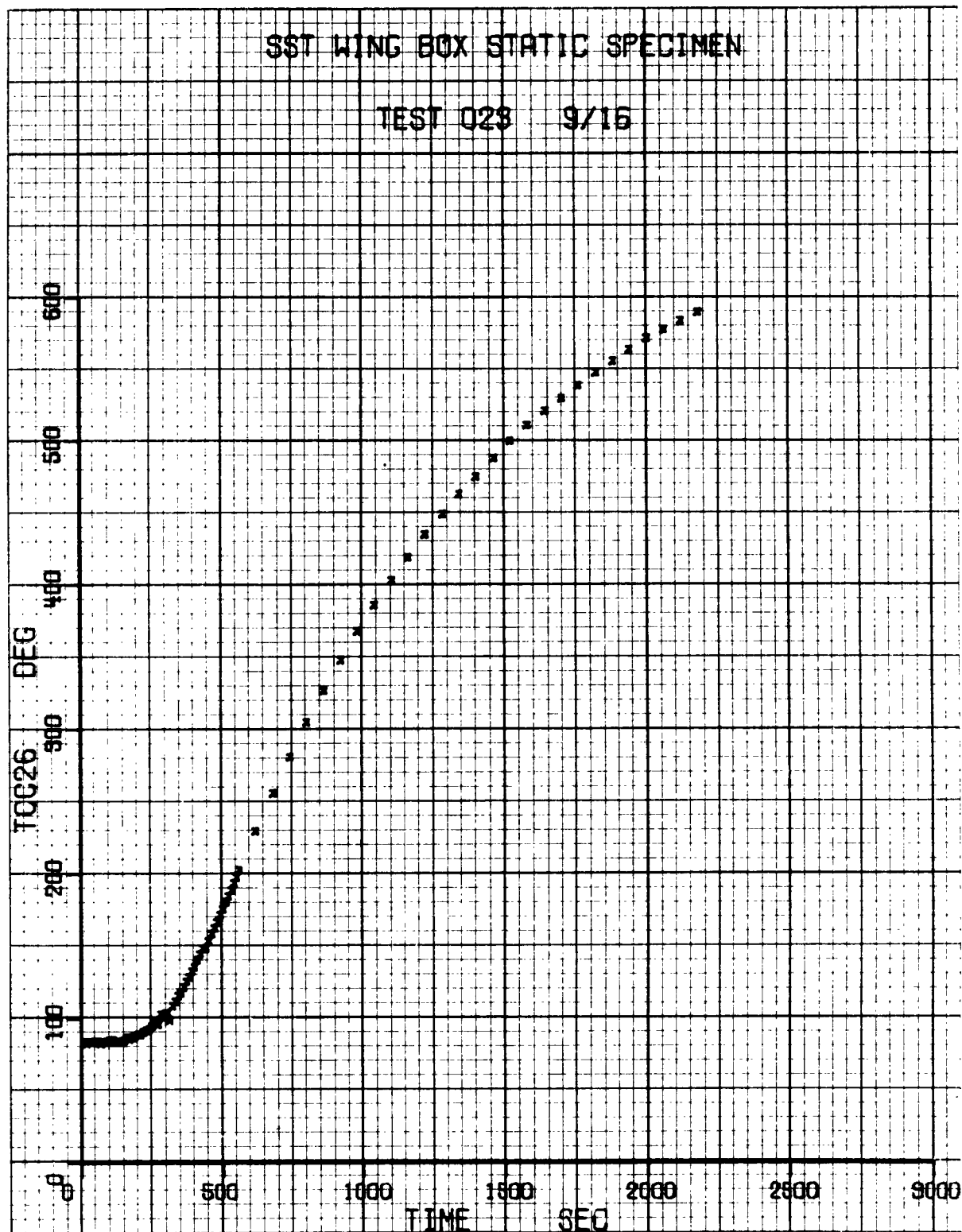
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



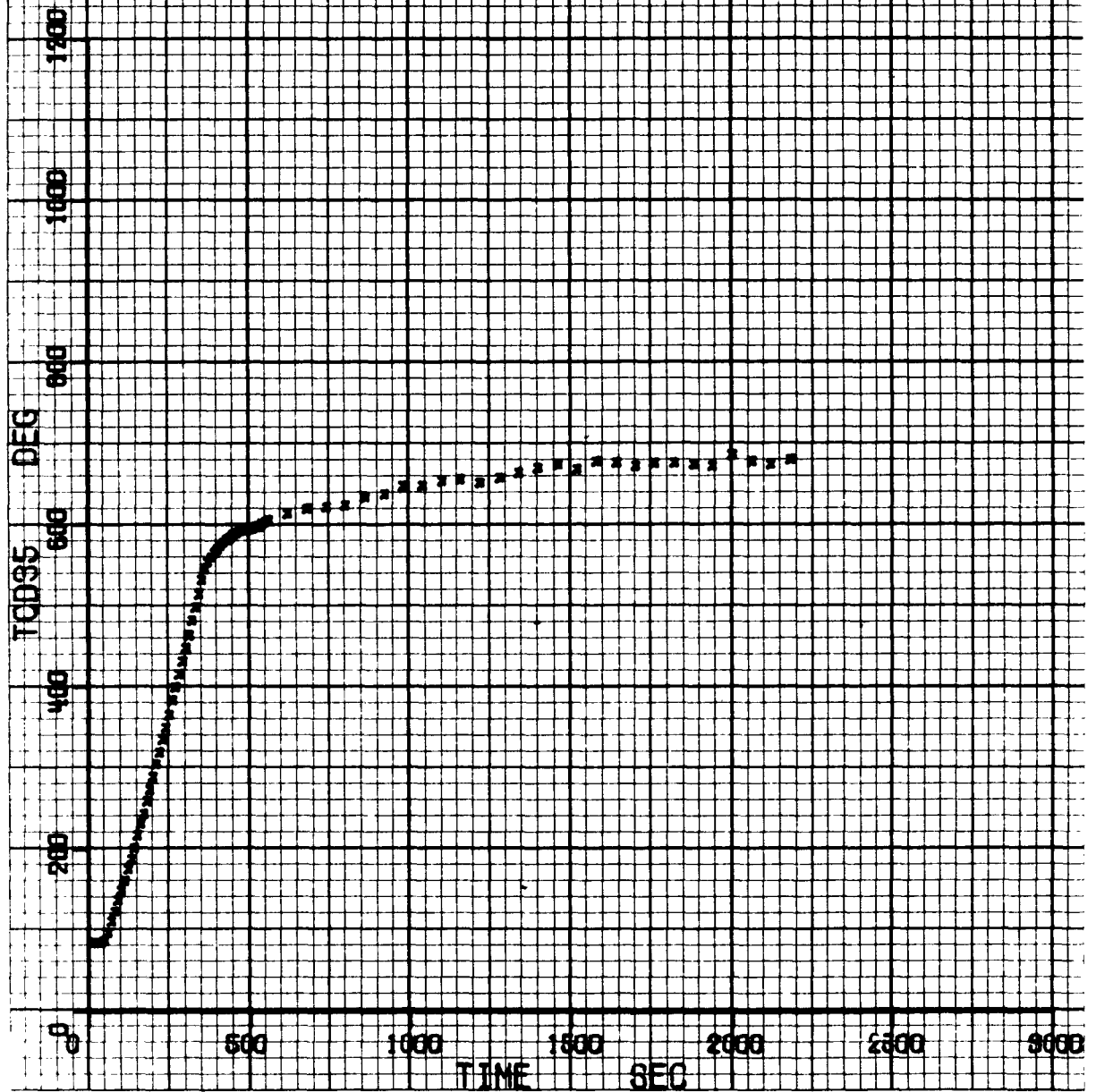






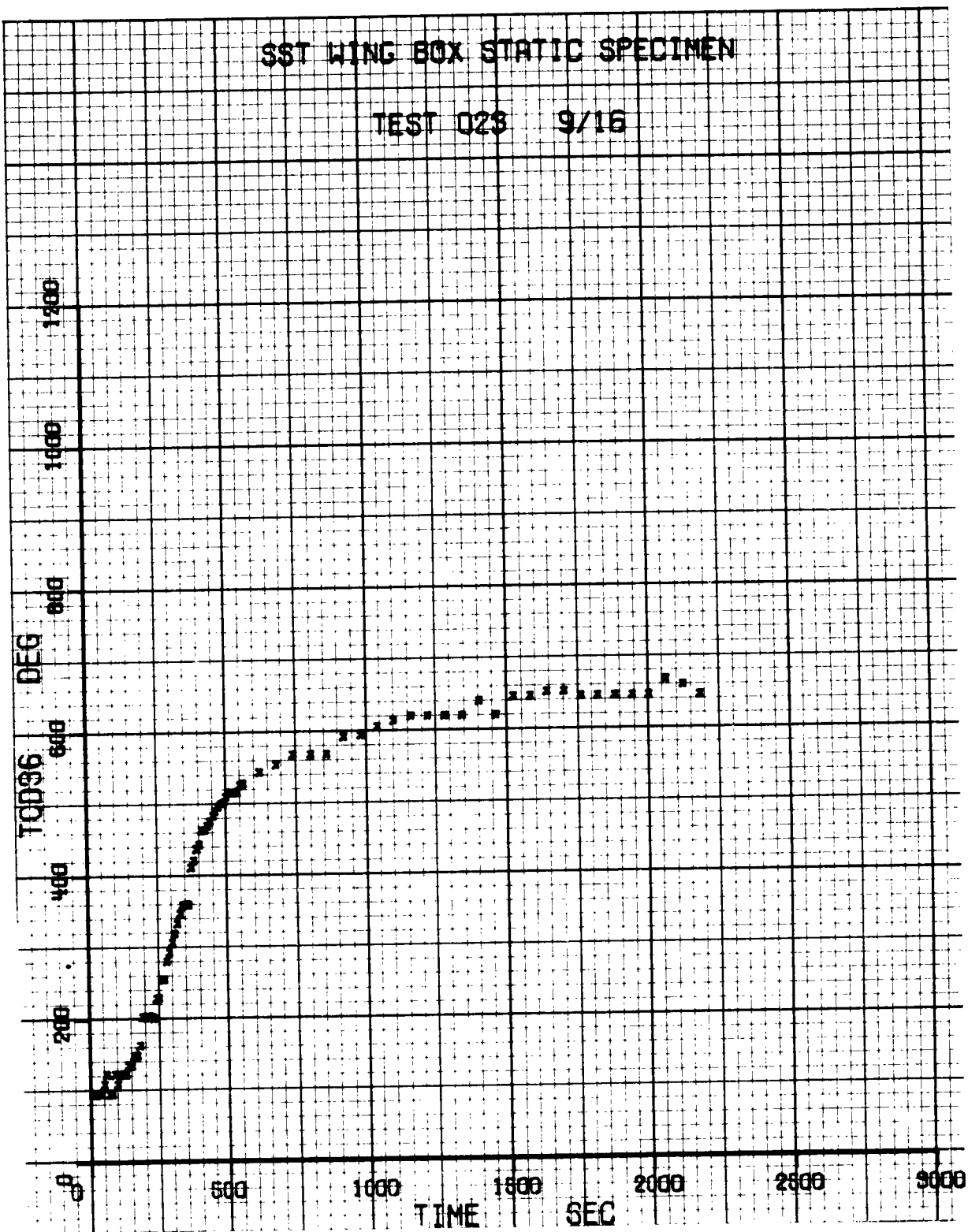
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



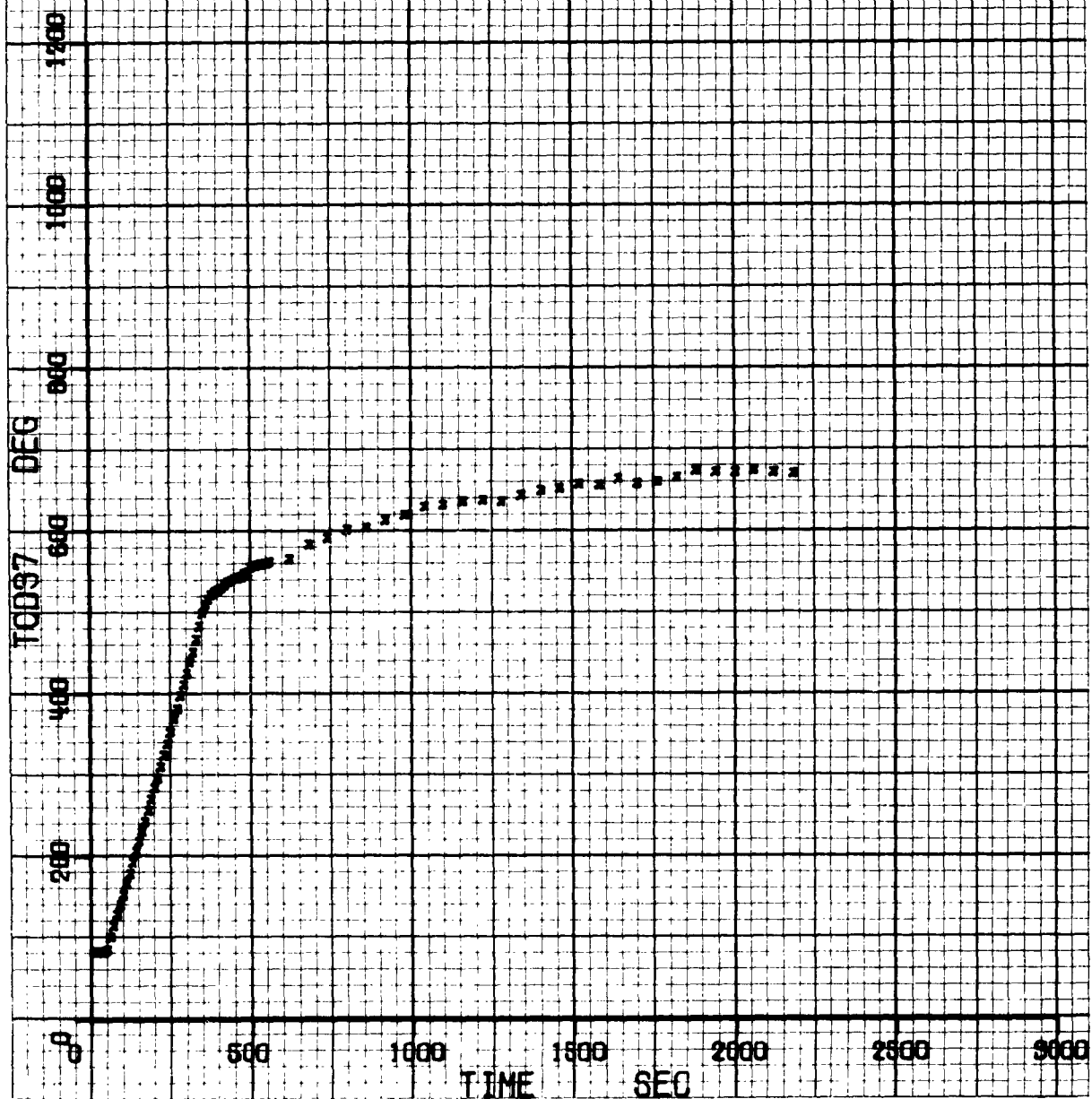
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



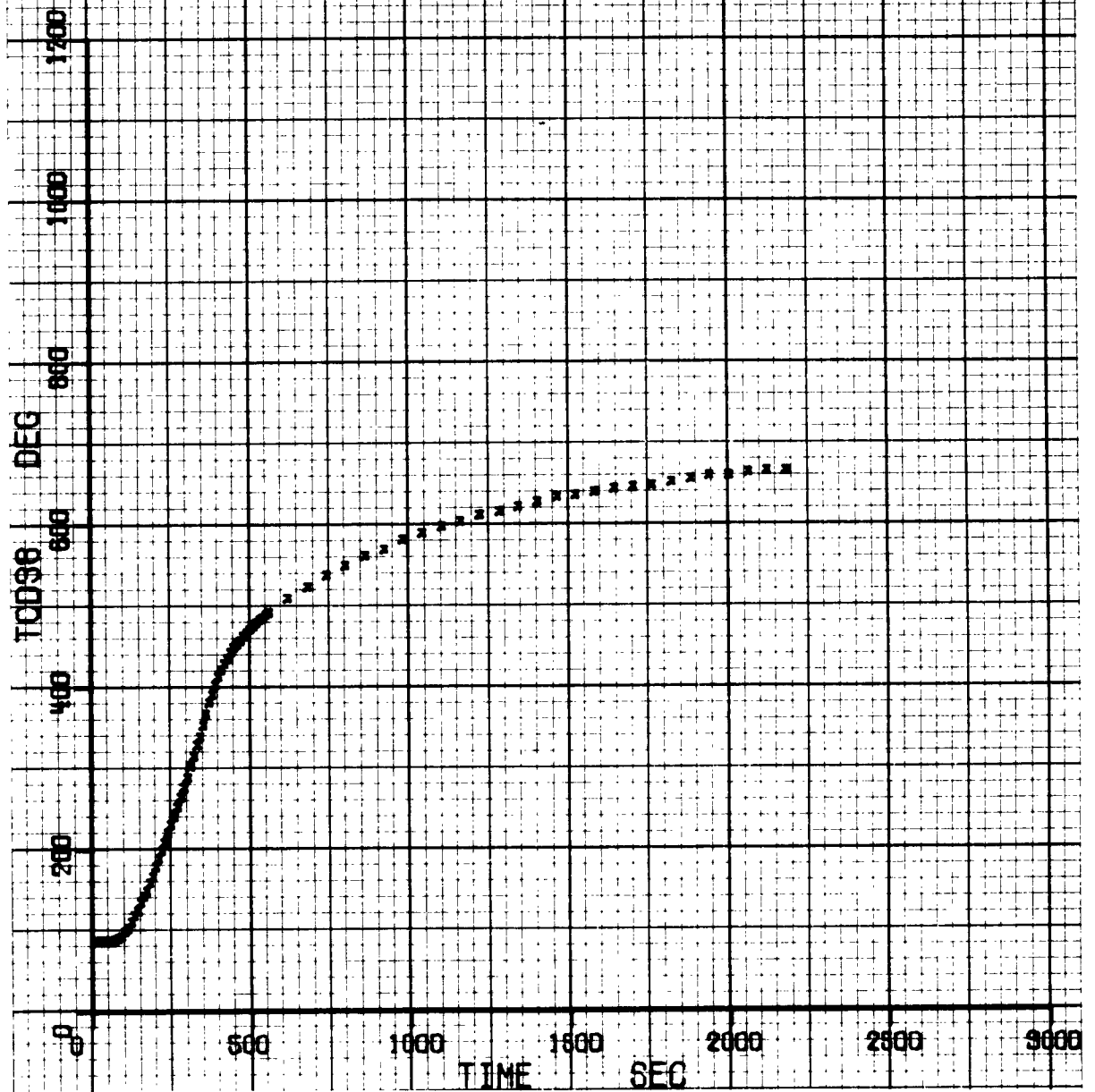
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



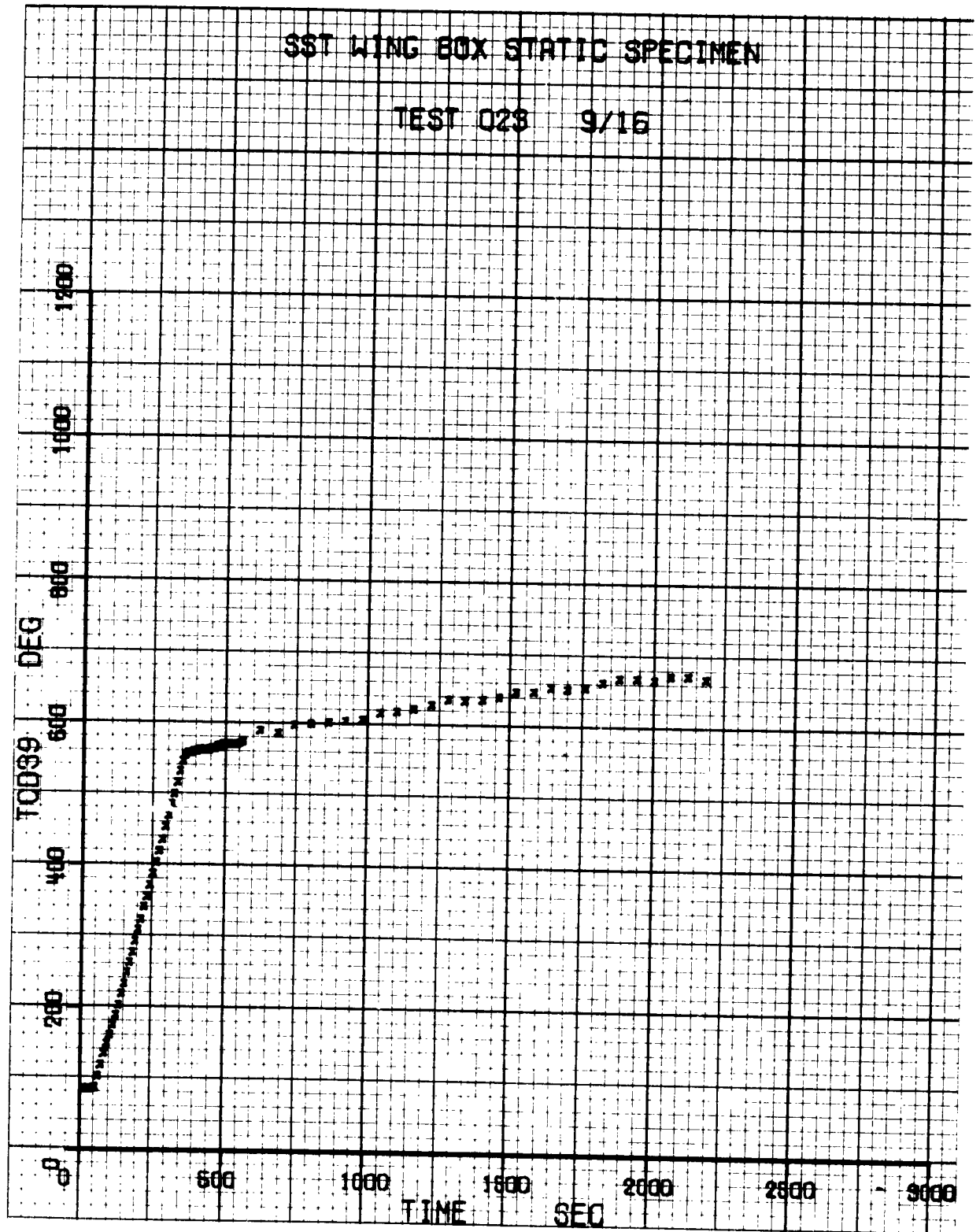
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



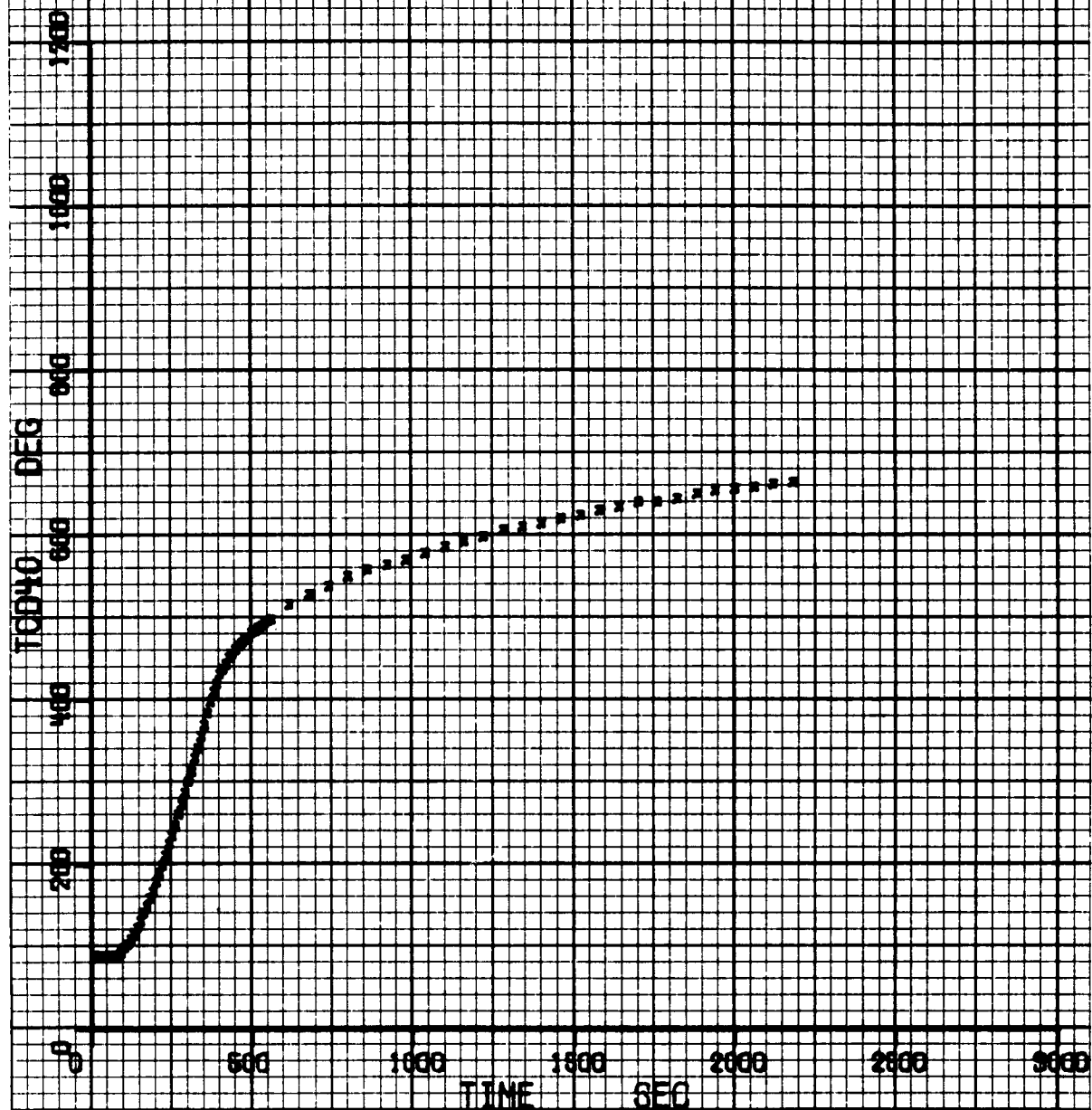
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16

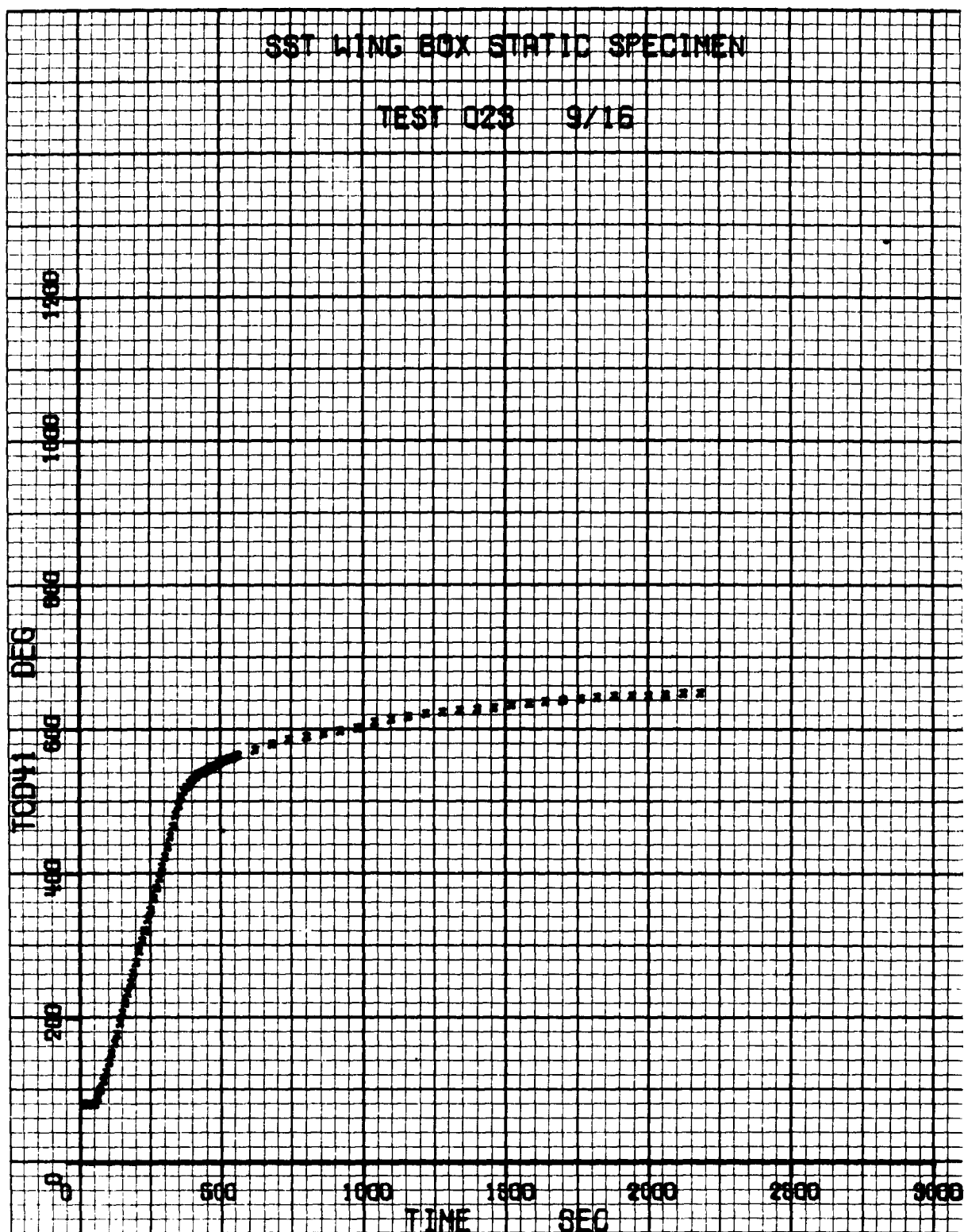


# SST WING BOX STATIC SPECIMEN

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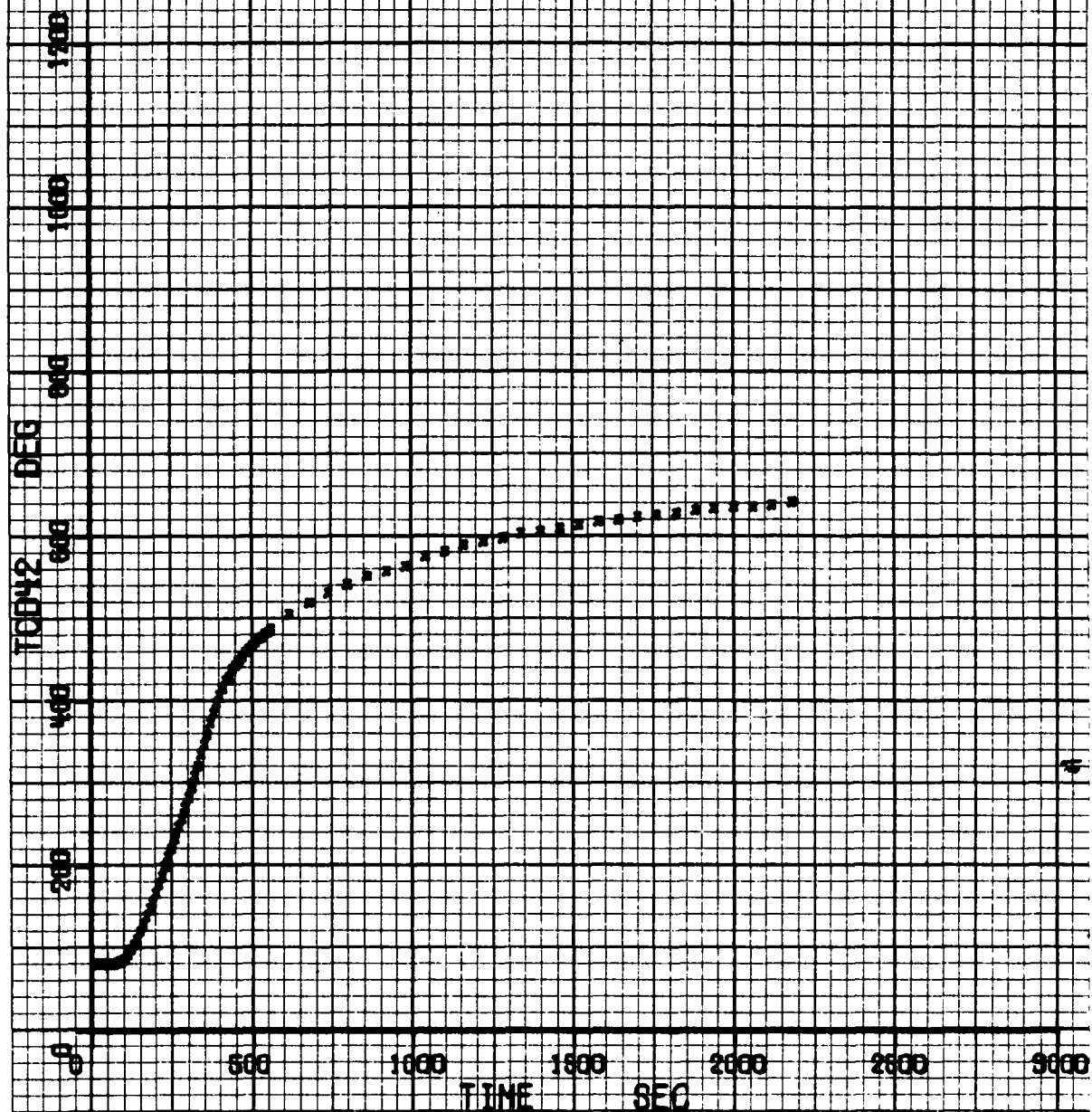






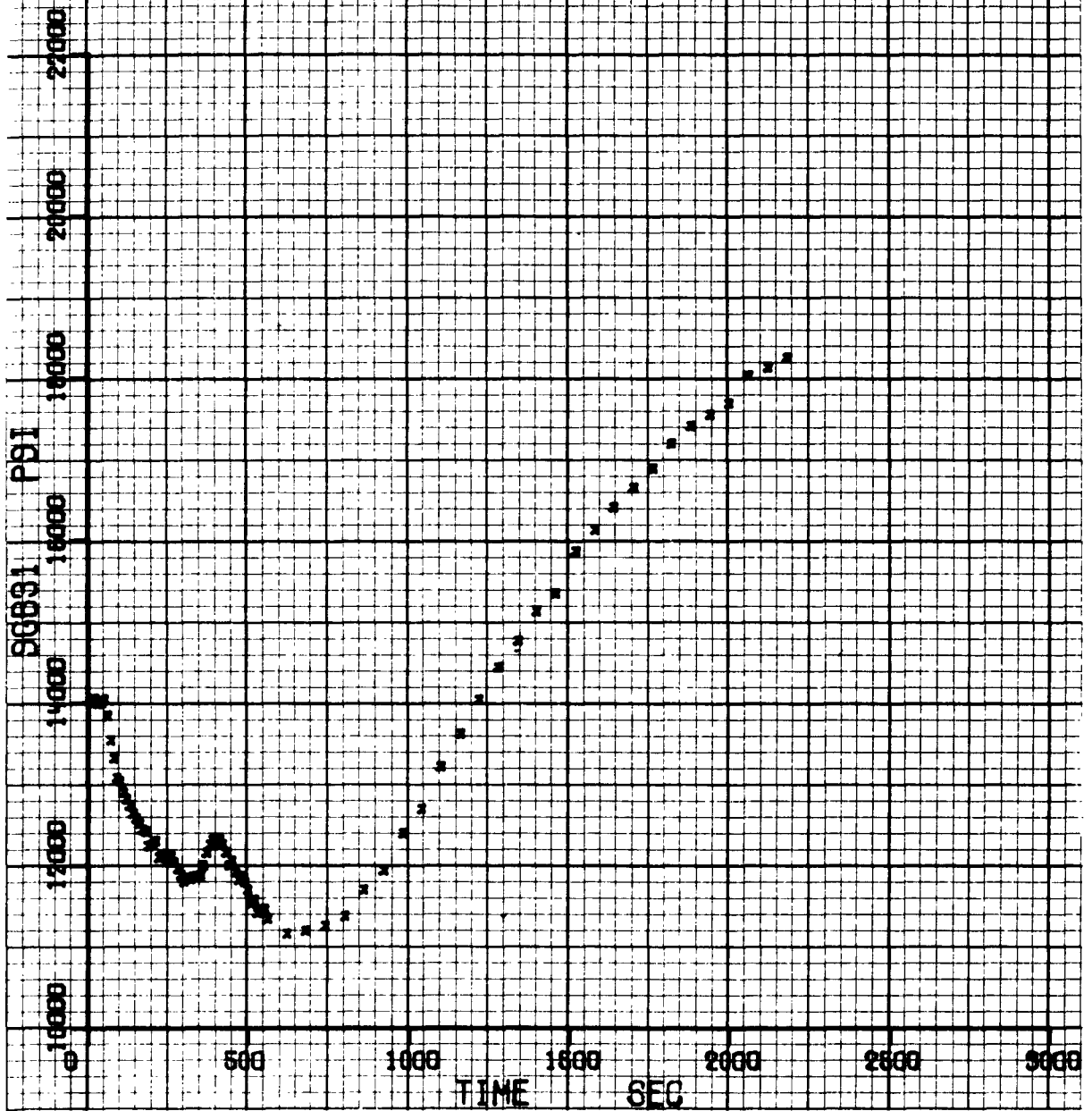
# SST WING BOX STATIC SPECIMEN

TEST Q23 9/16



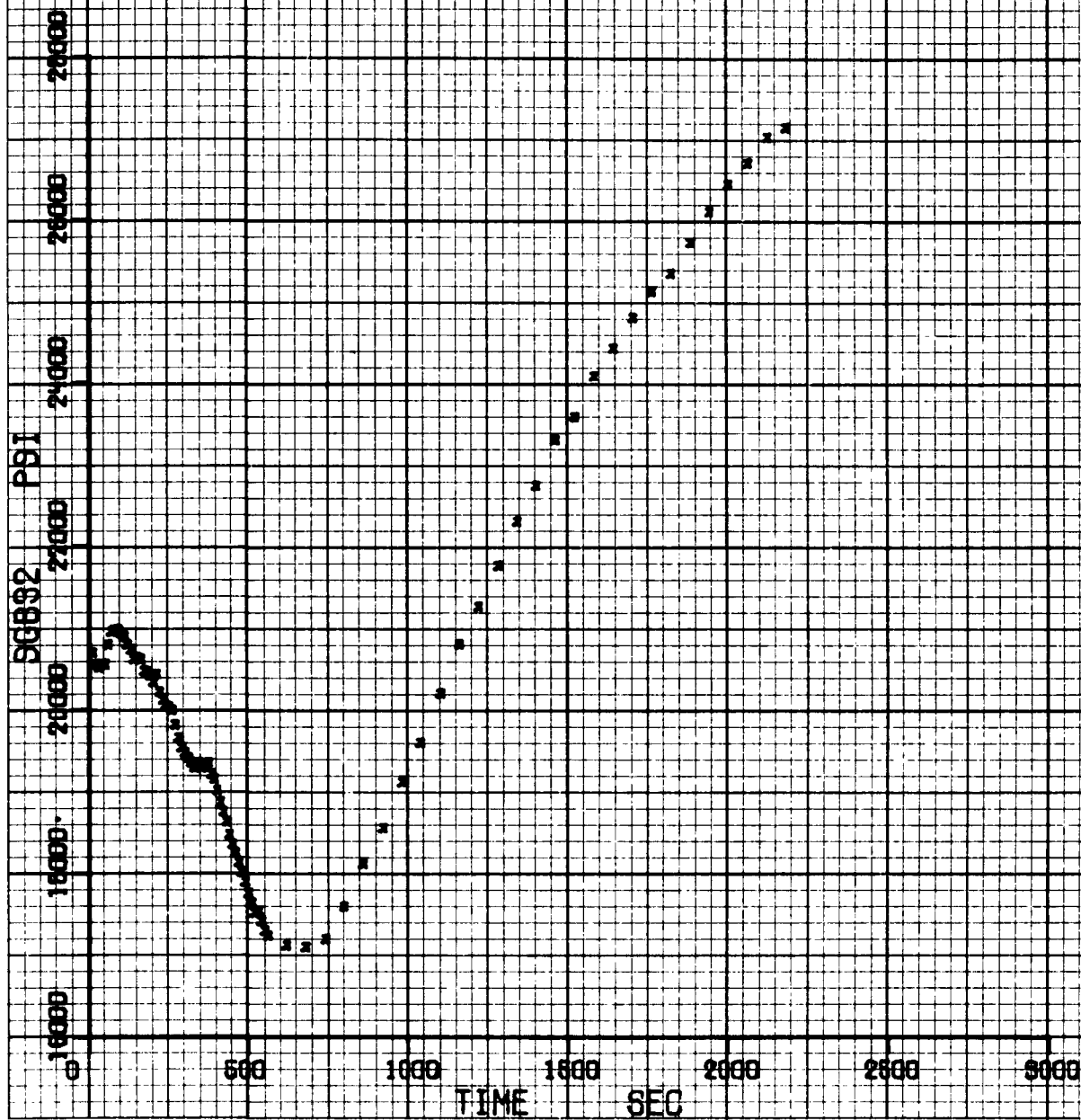
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



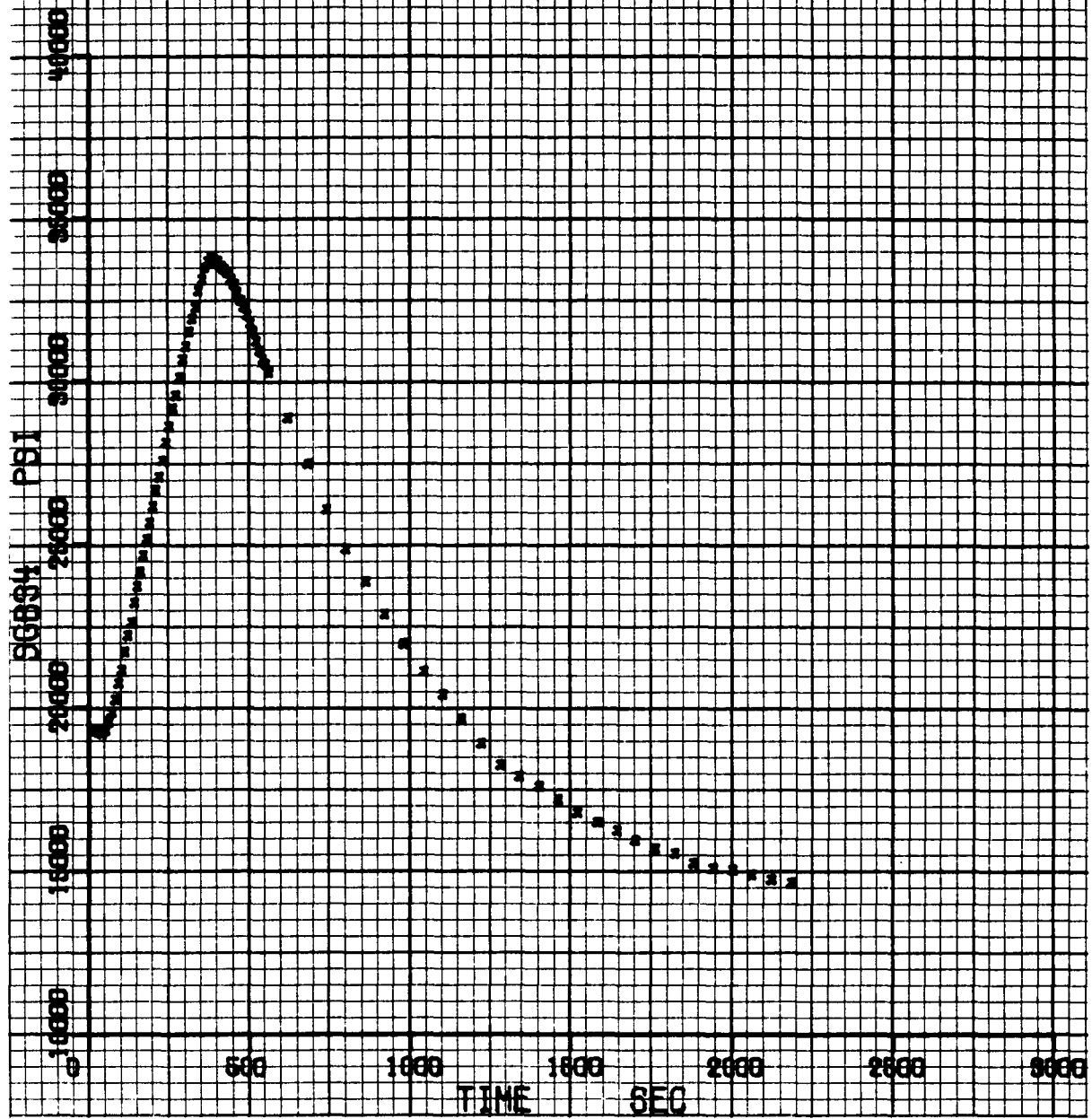
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



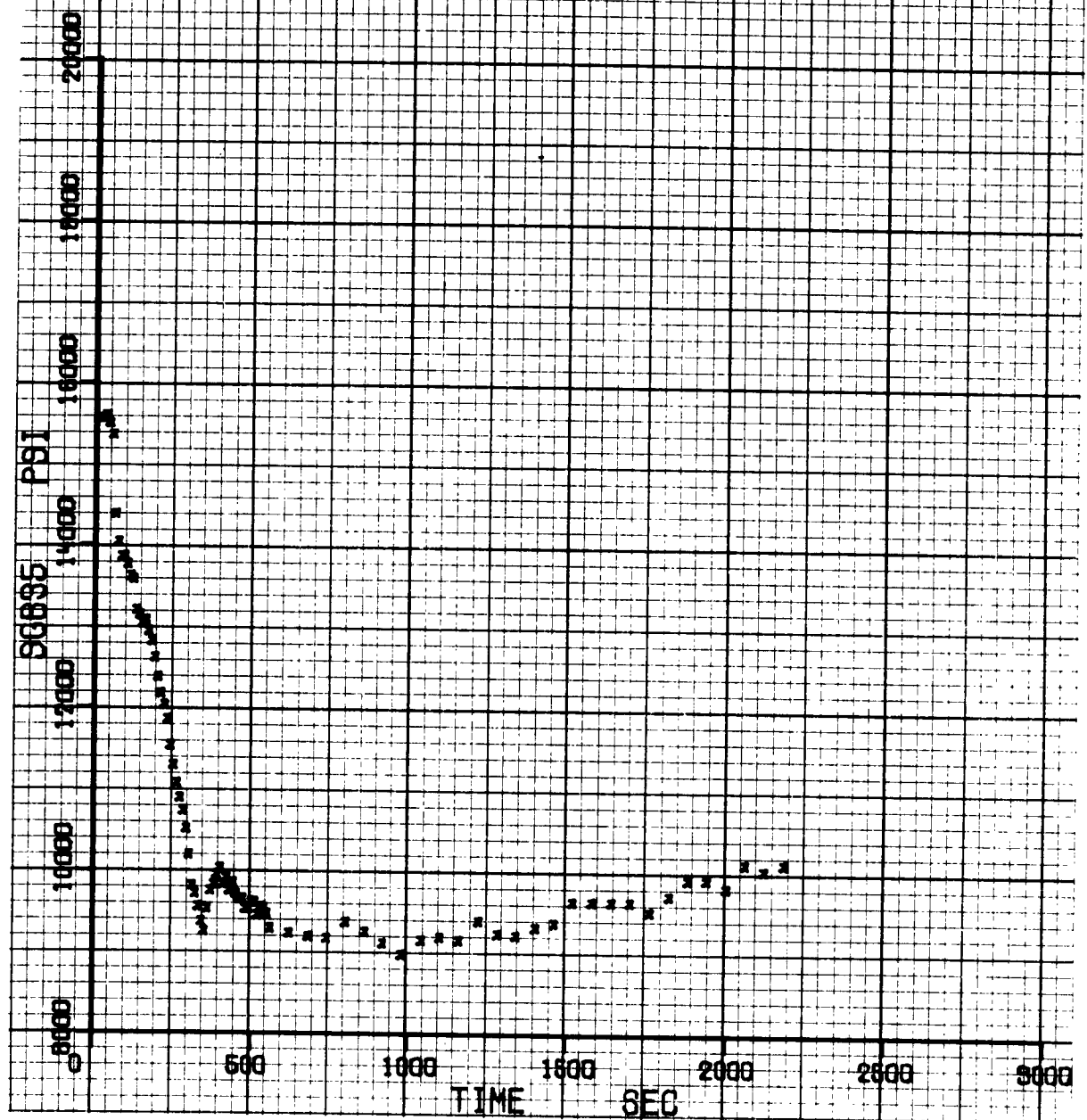
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



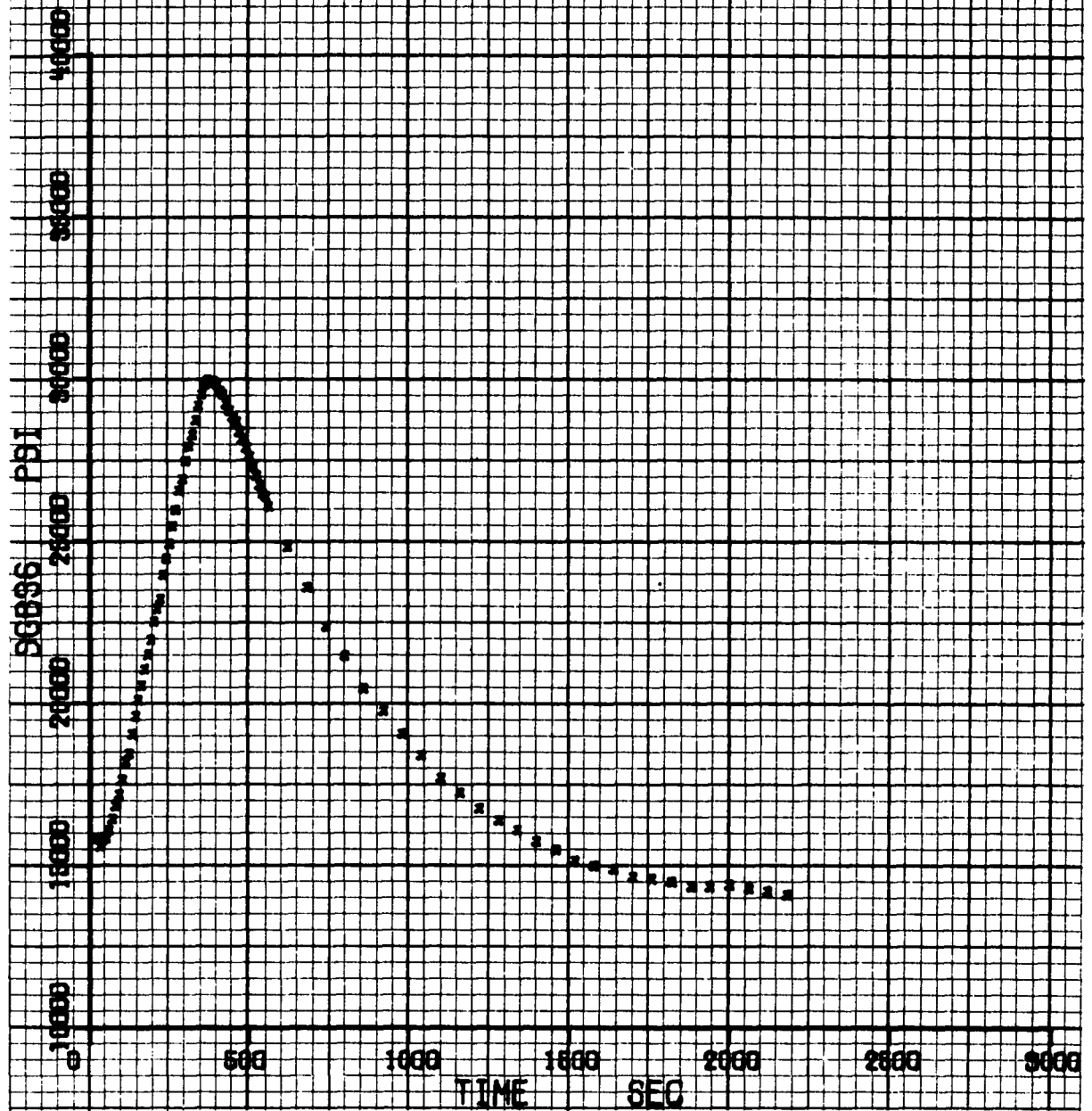
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



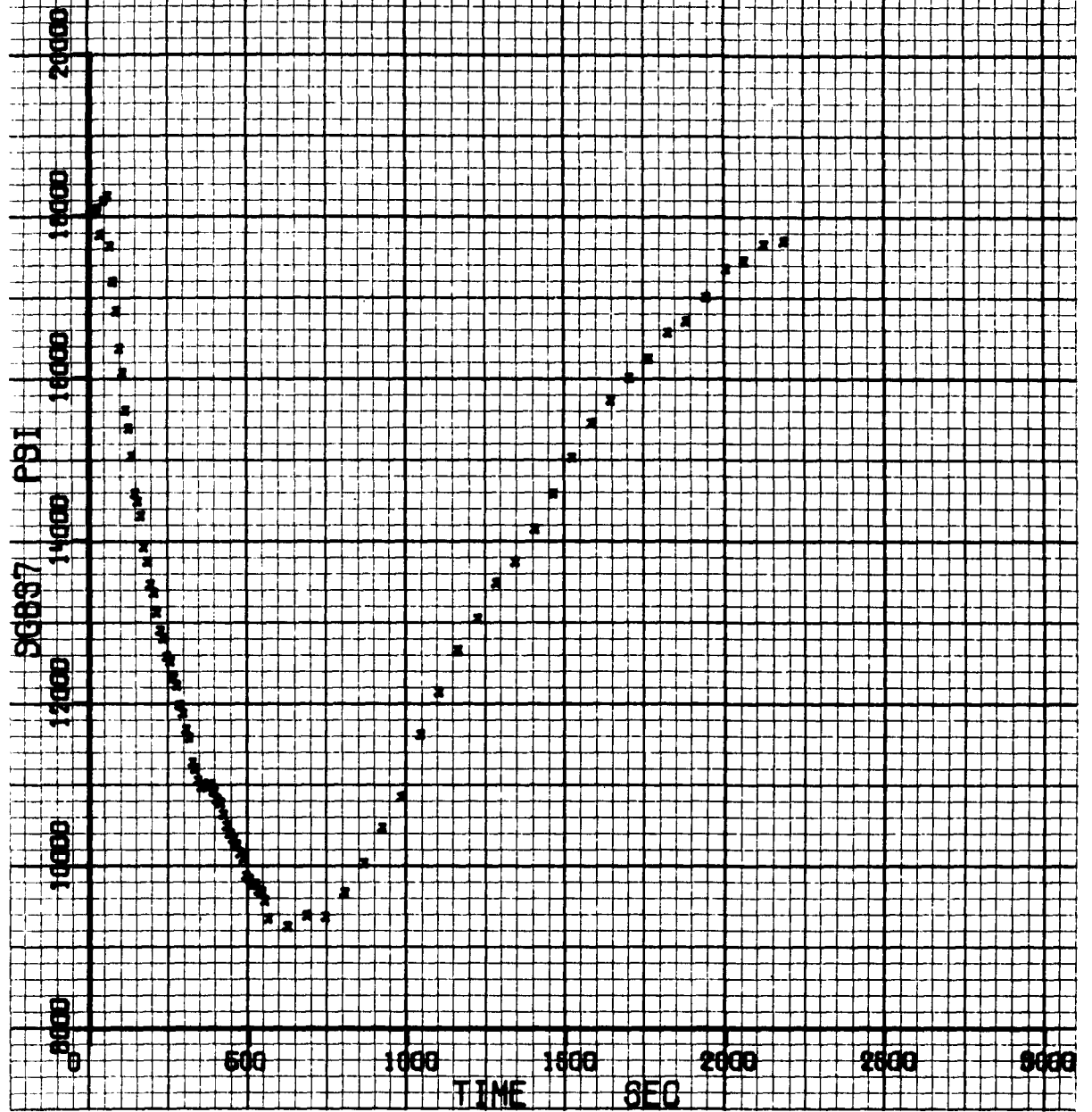
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



# SST WING BOX STATIC SPECIMEN

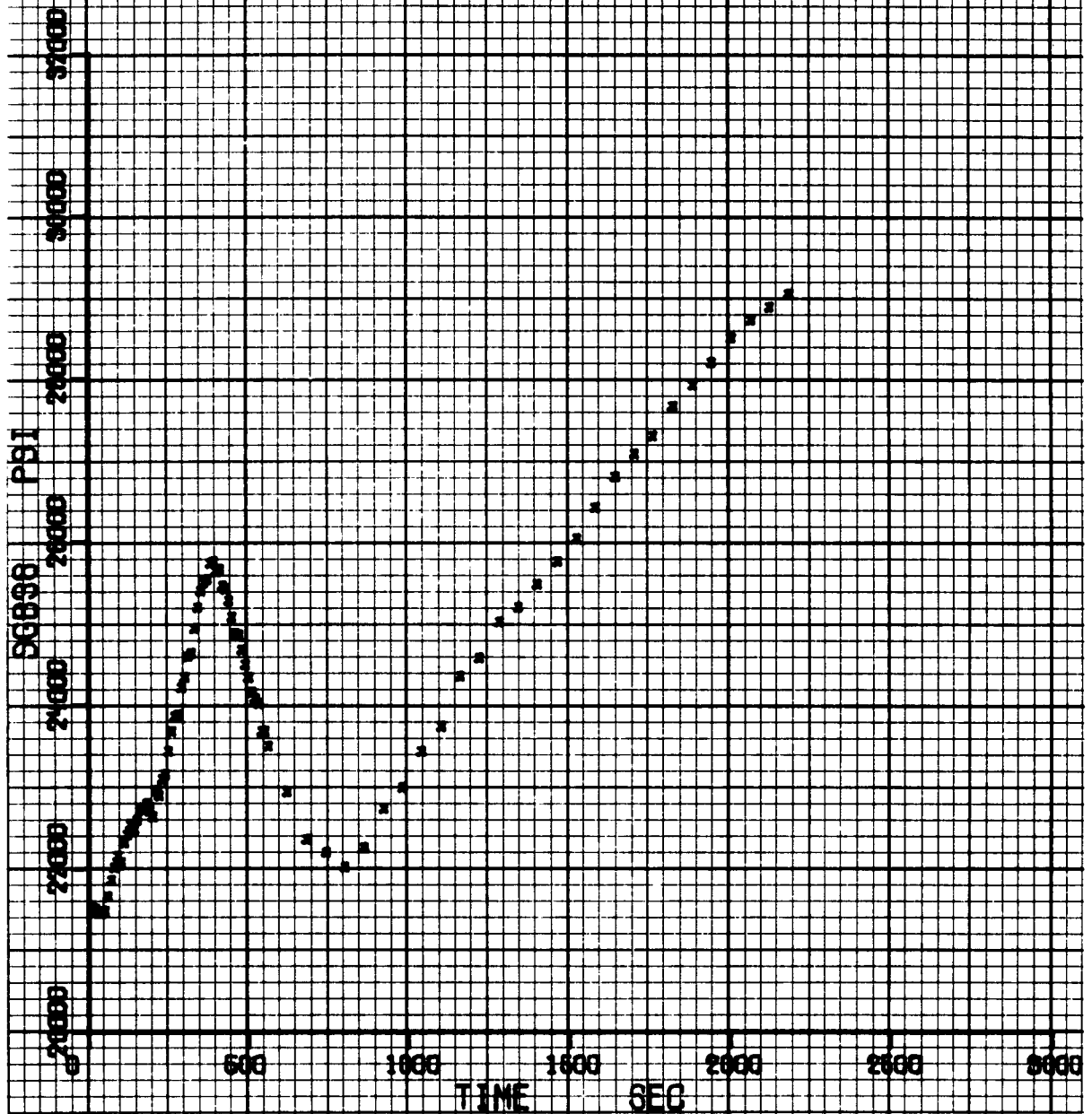
TEST 028 9/16





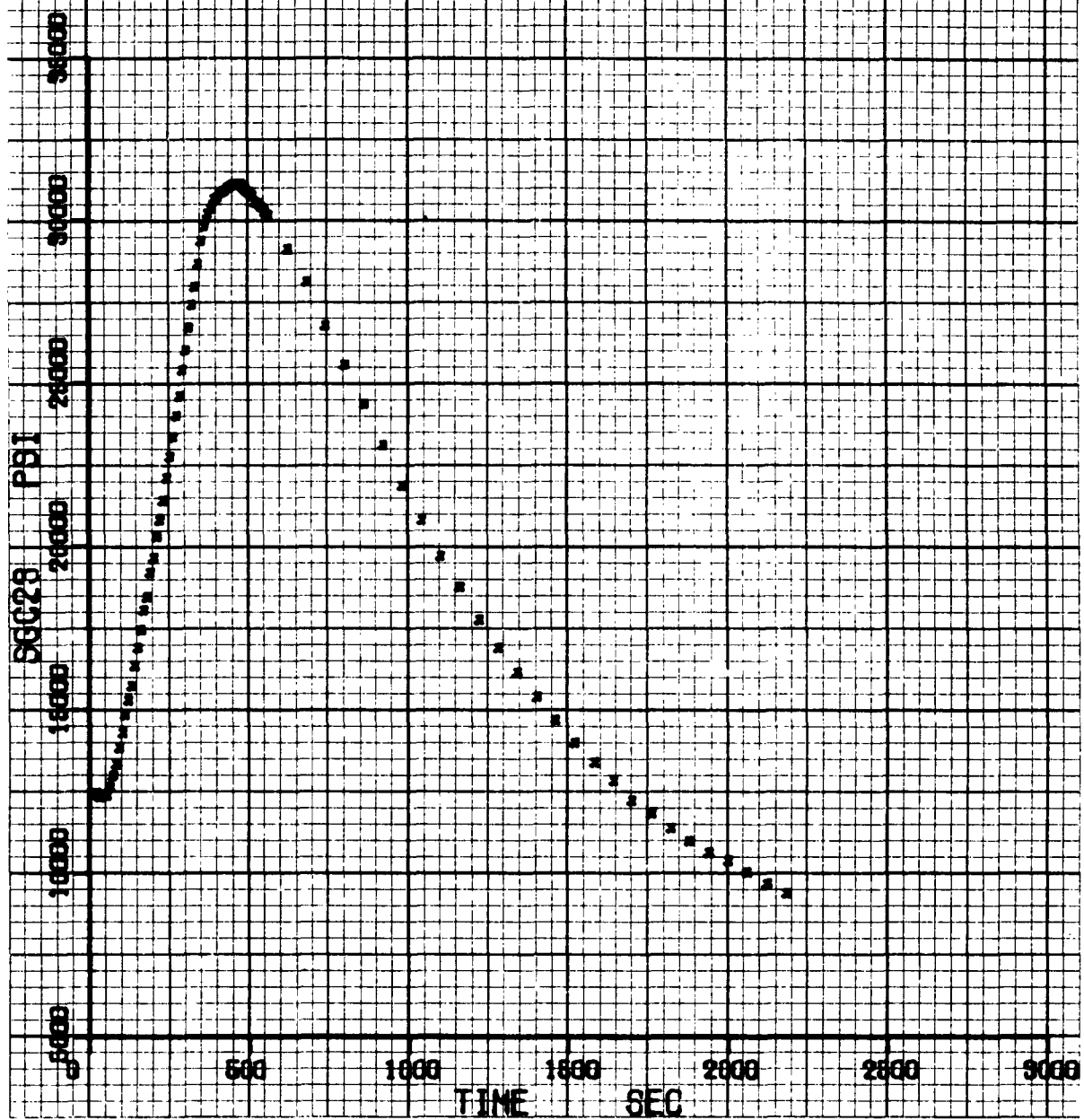
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



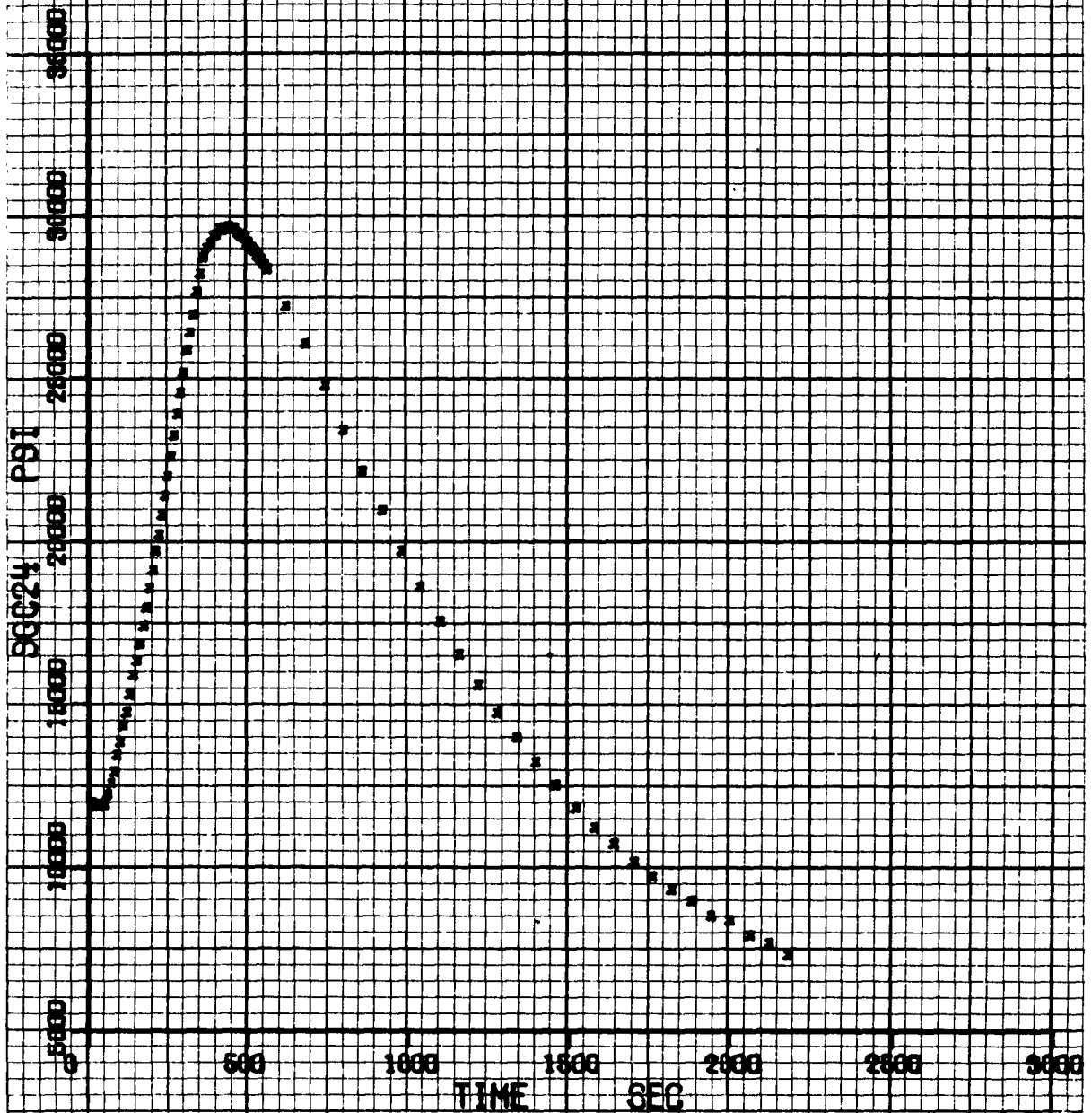
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



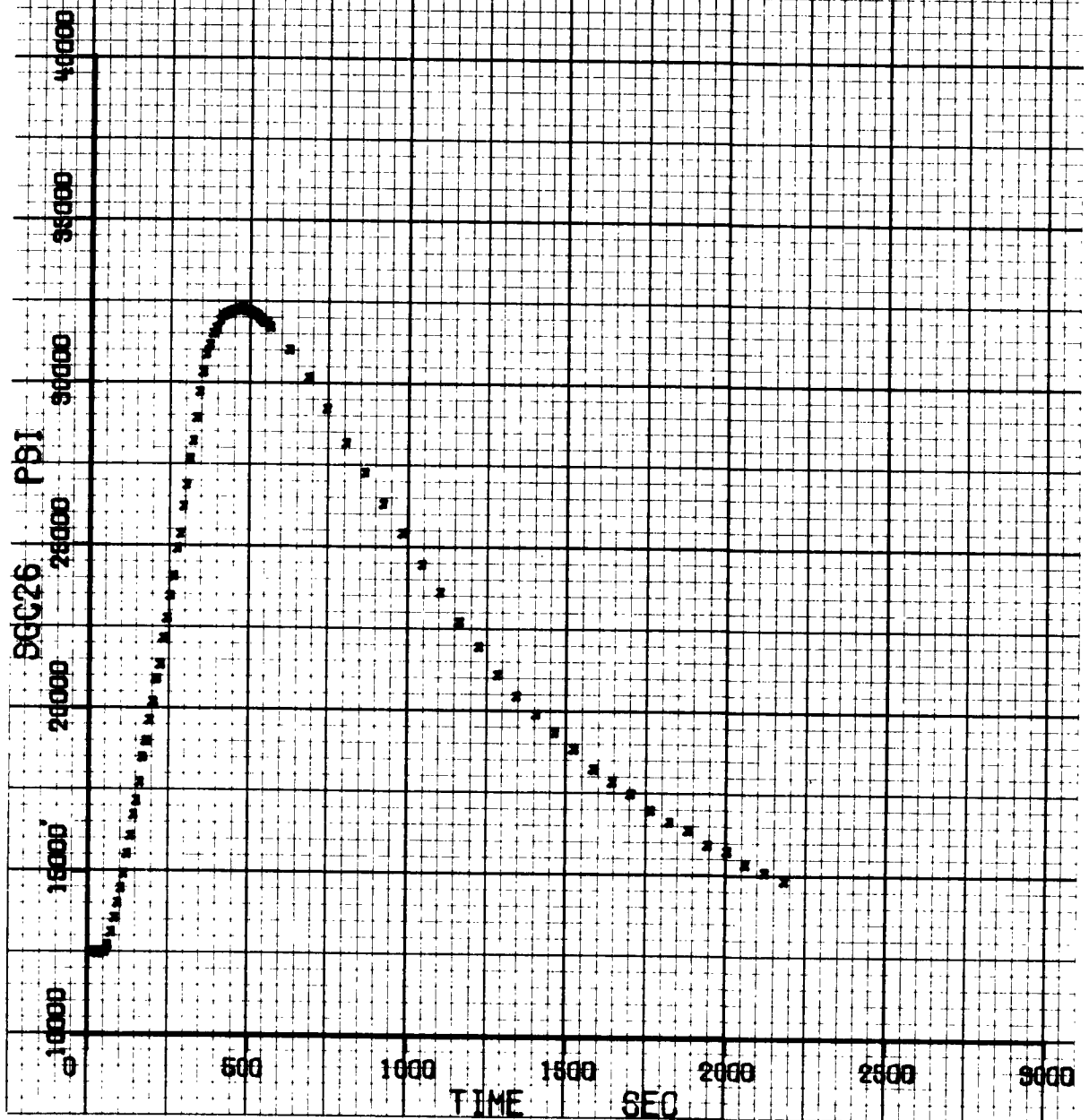
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



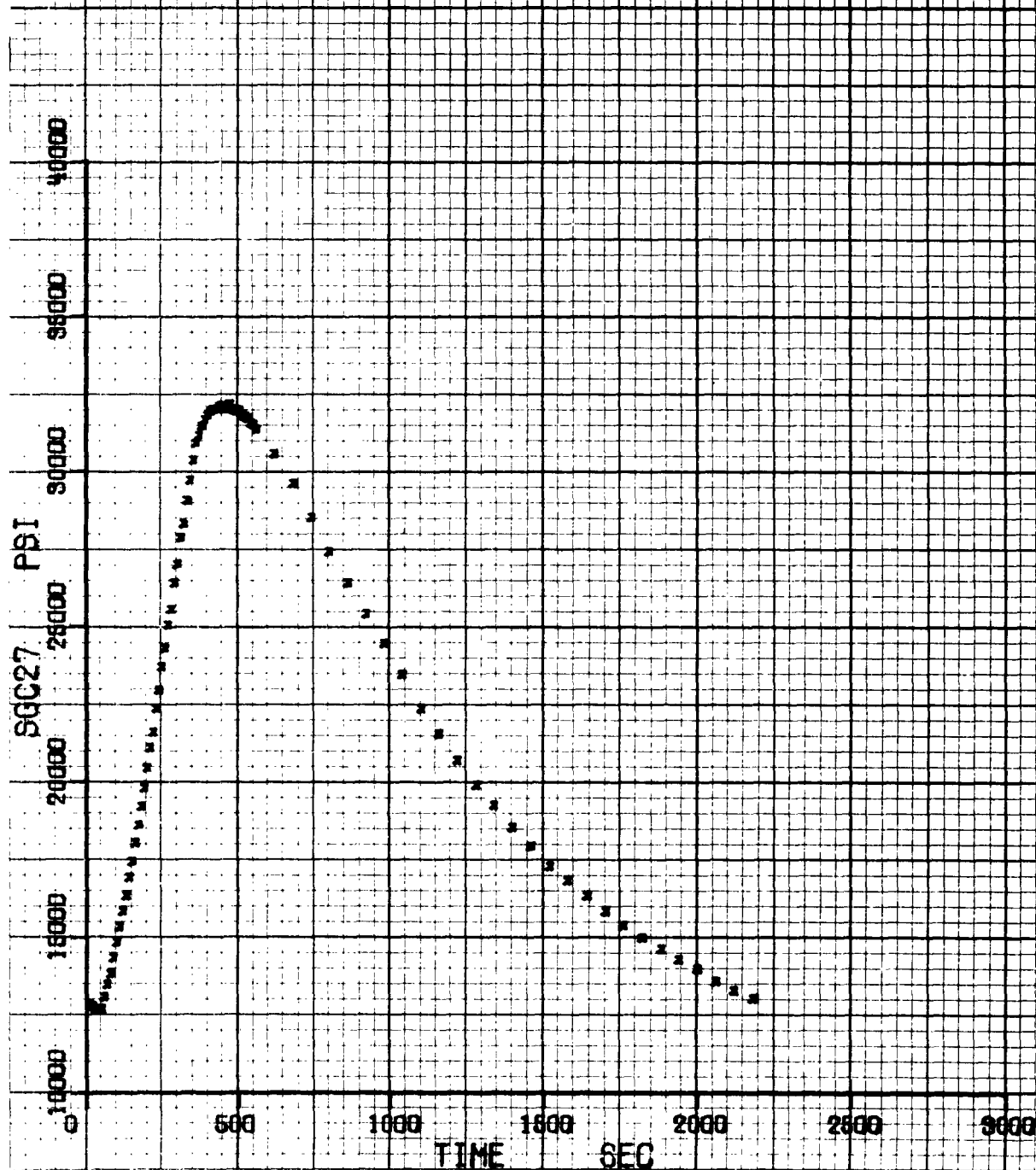
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



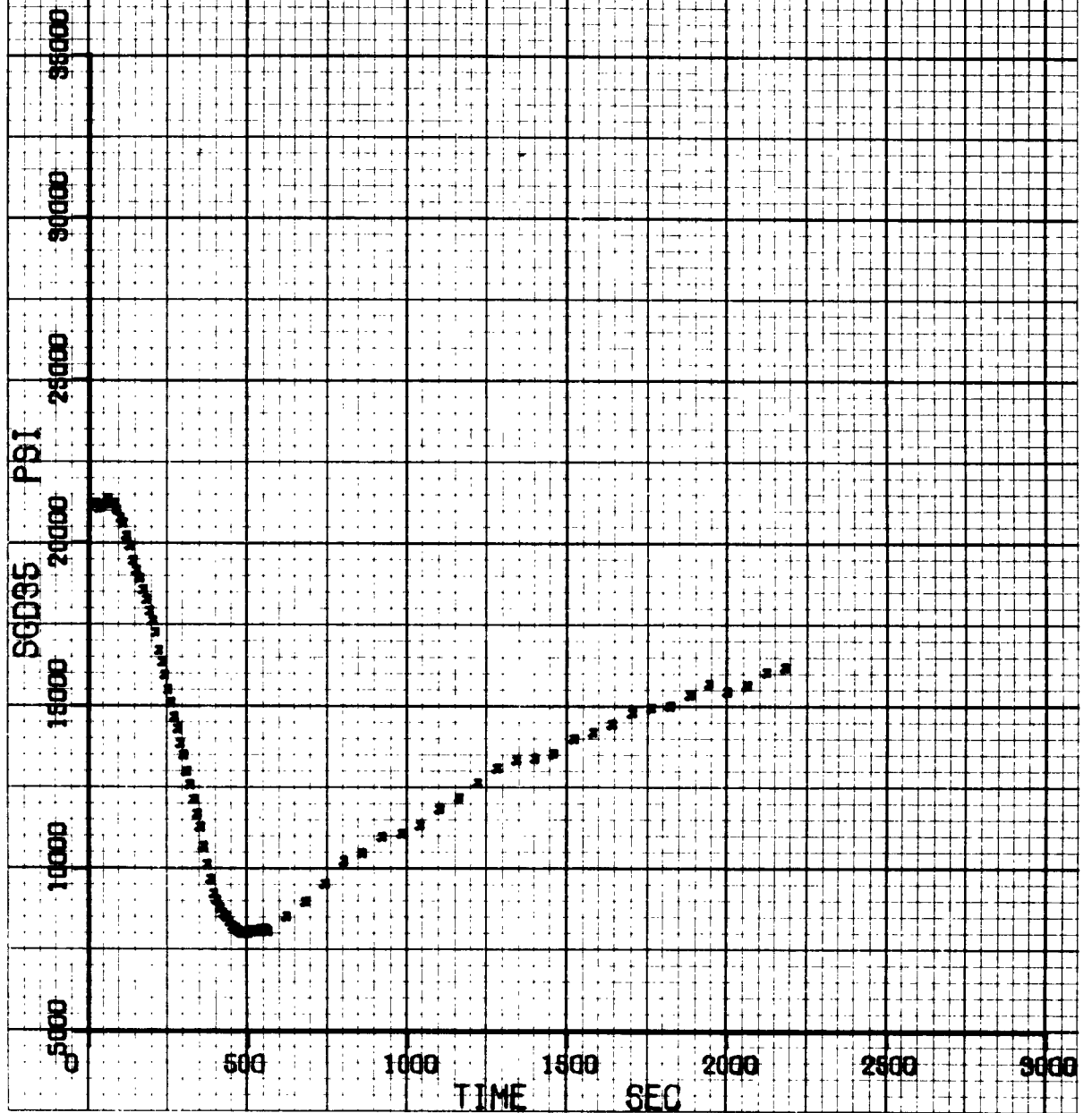
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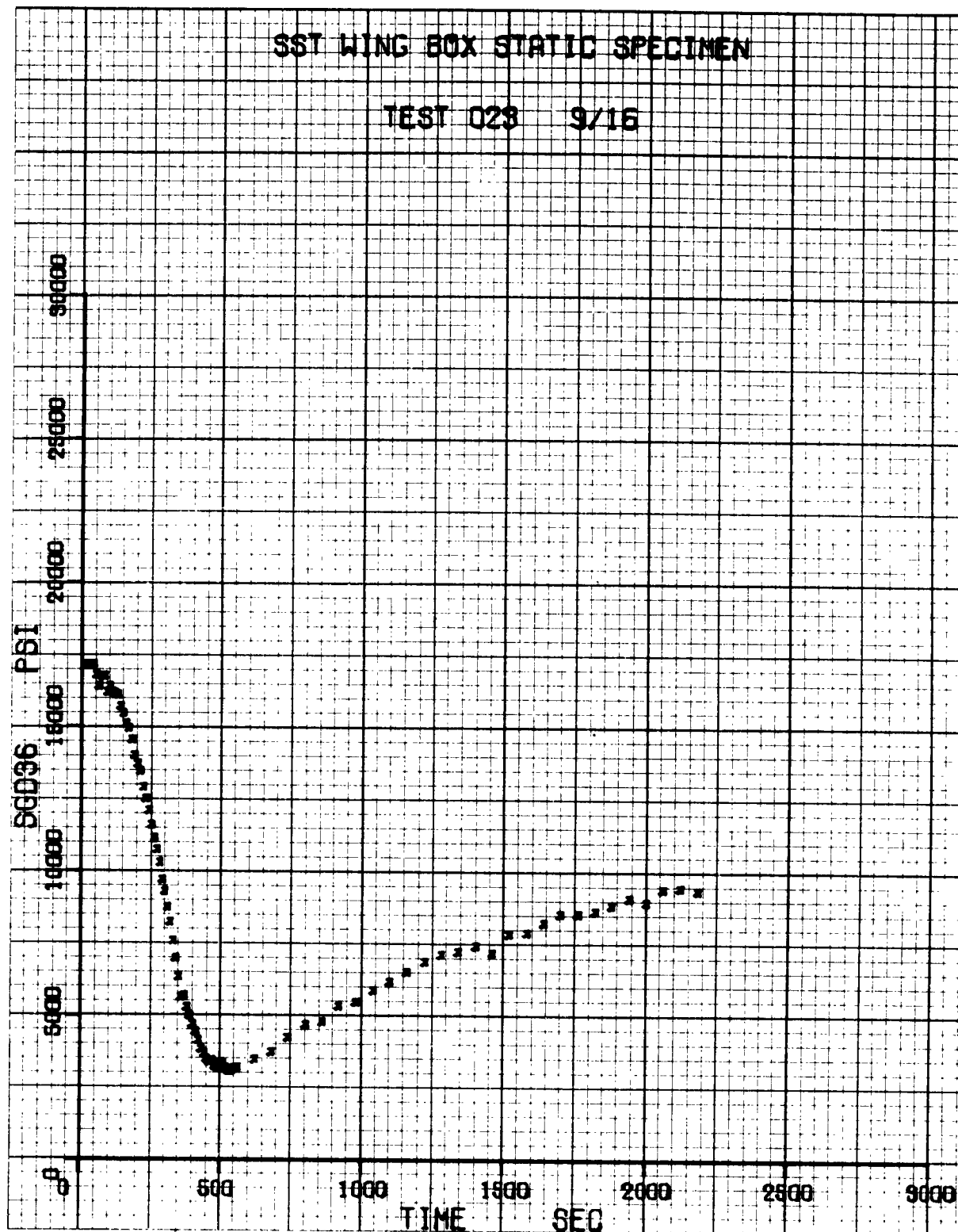
TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

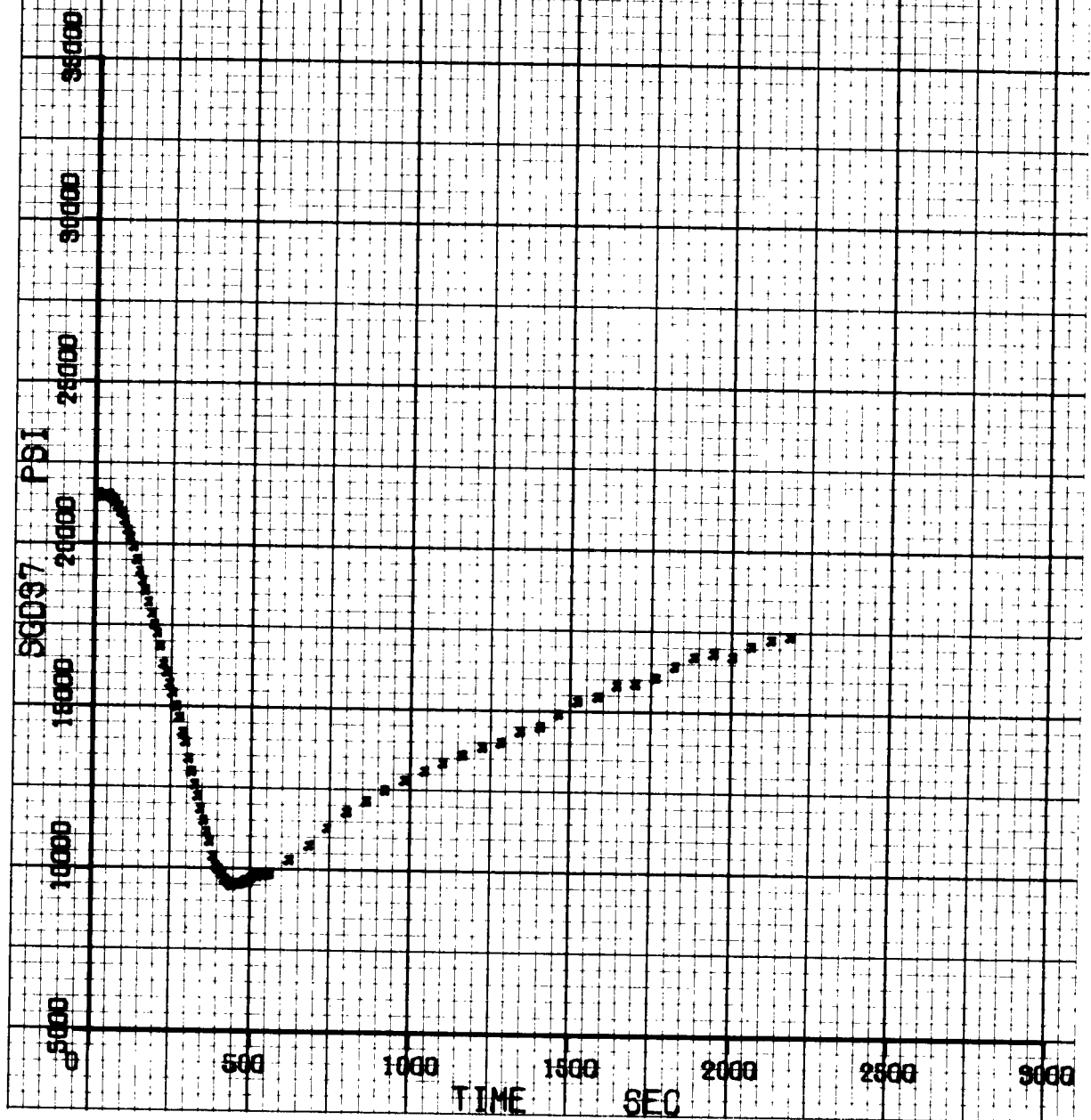
TEST 028 9/16



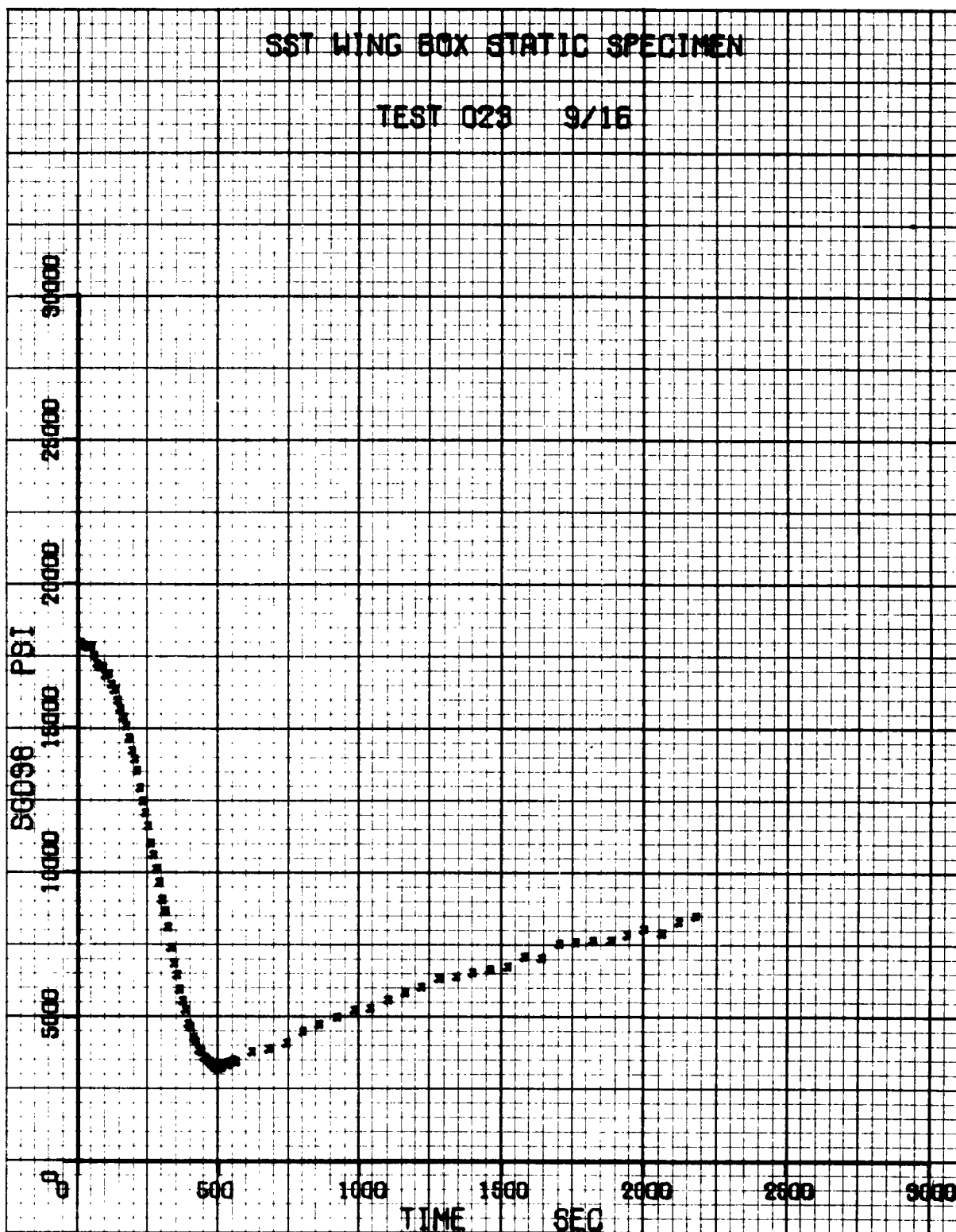


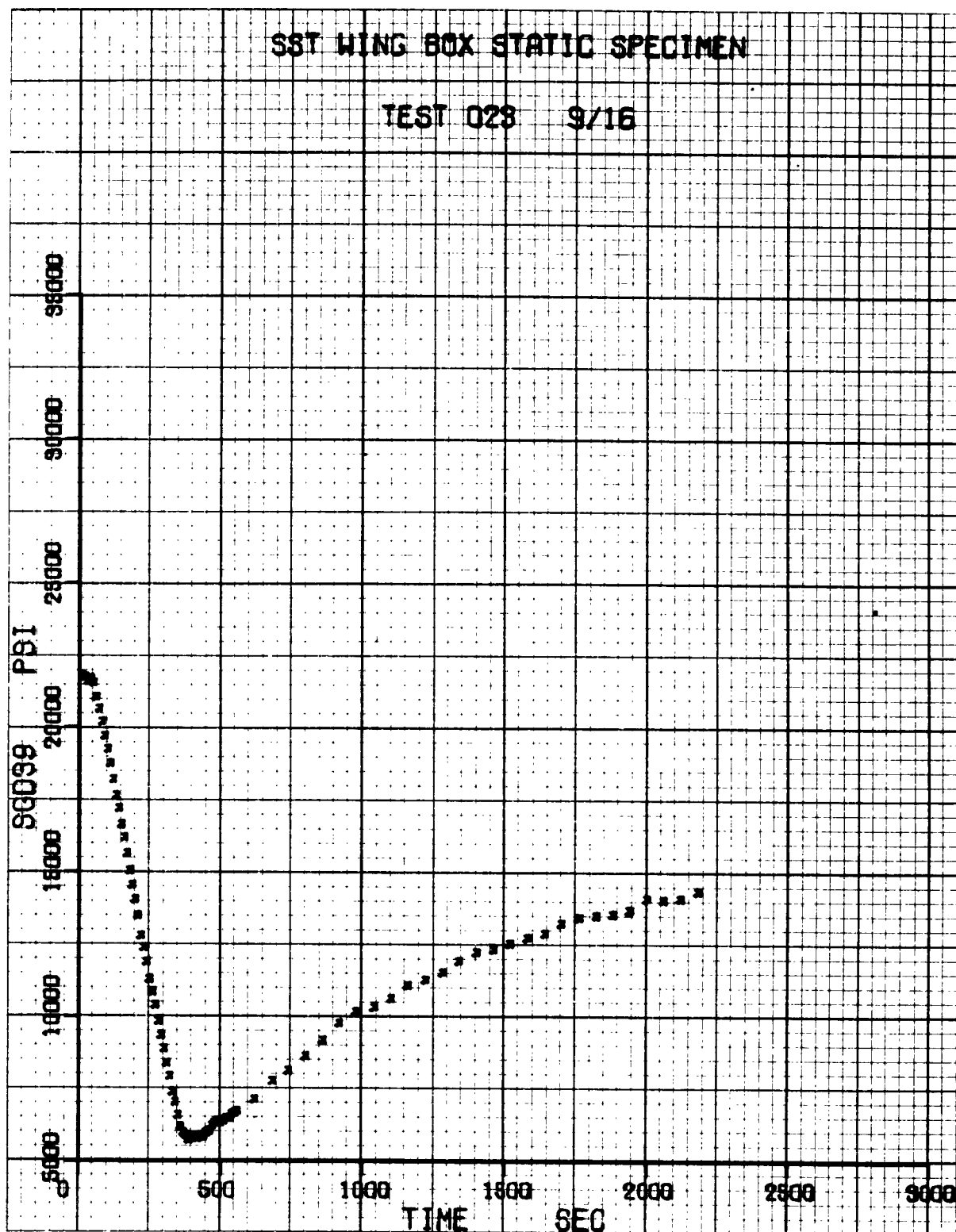
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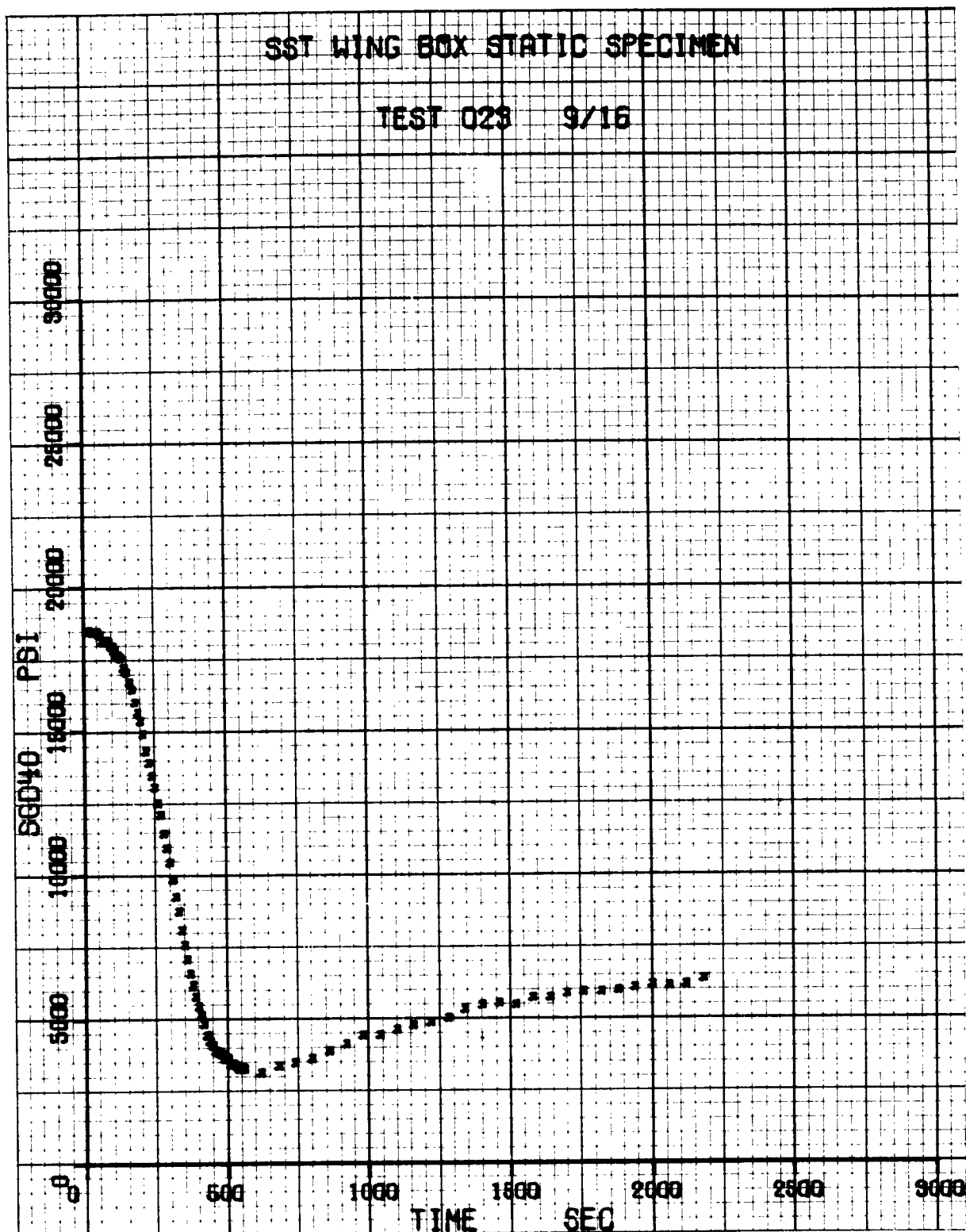
TEST 028 9/16





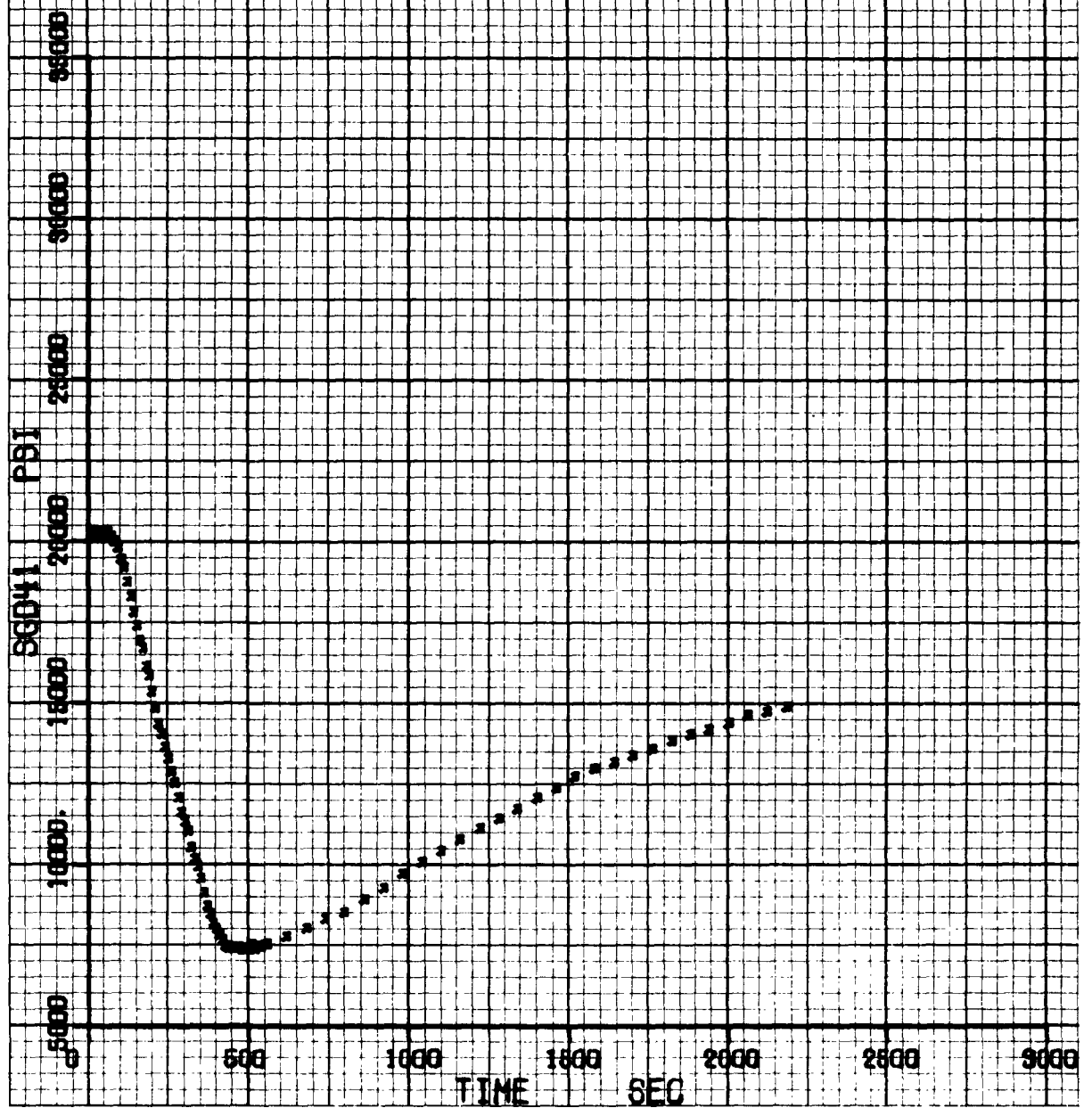






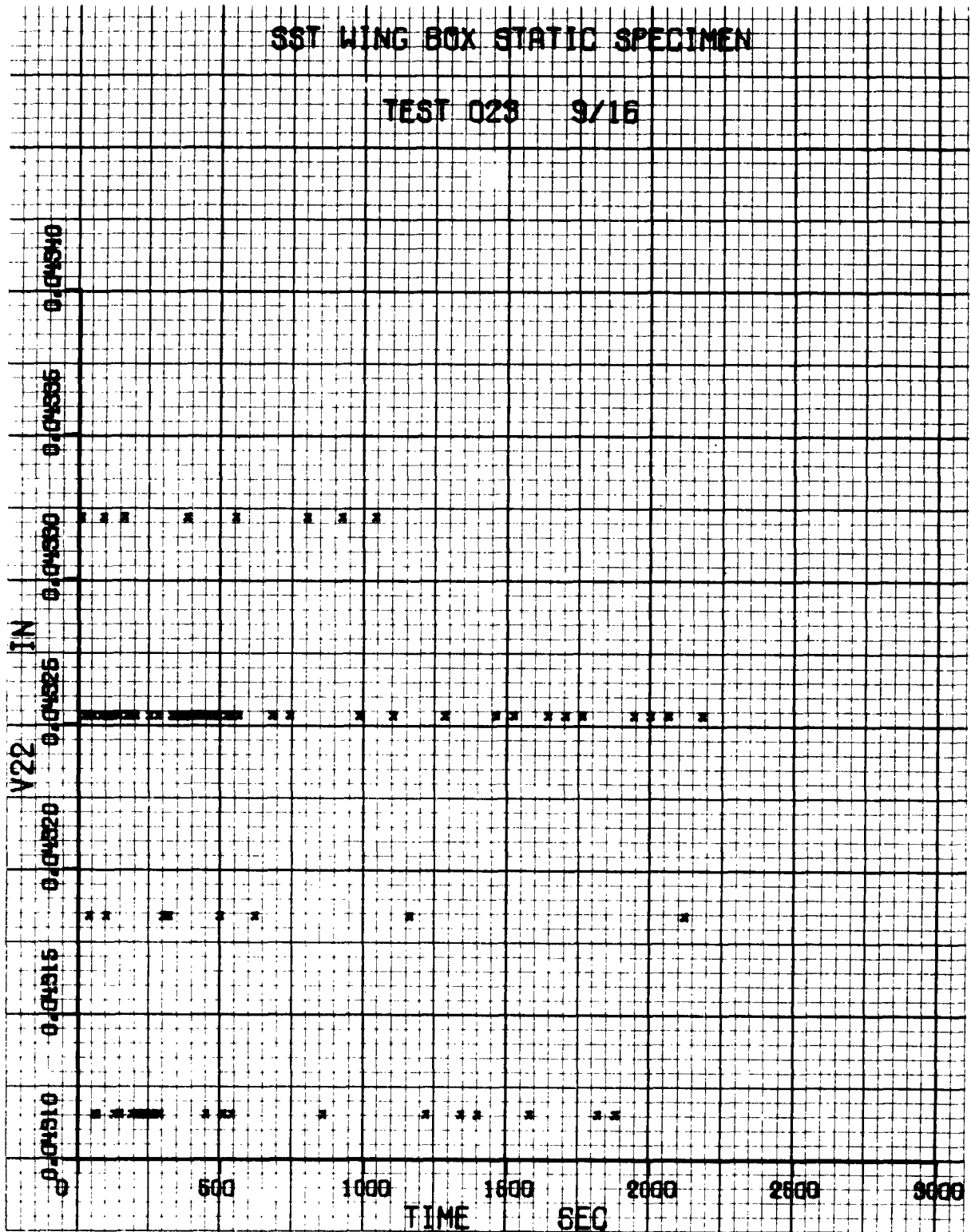
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



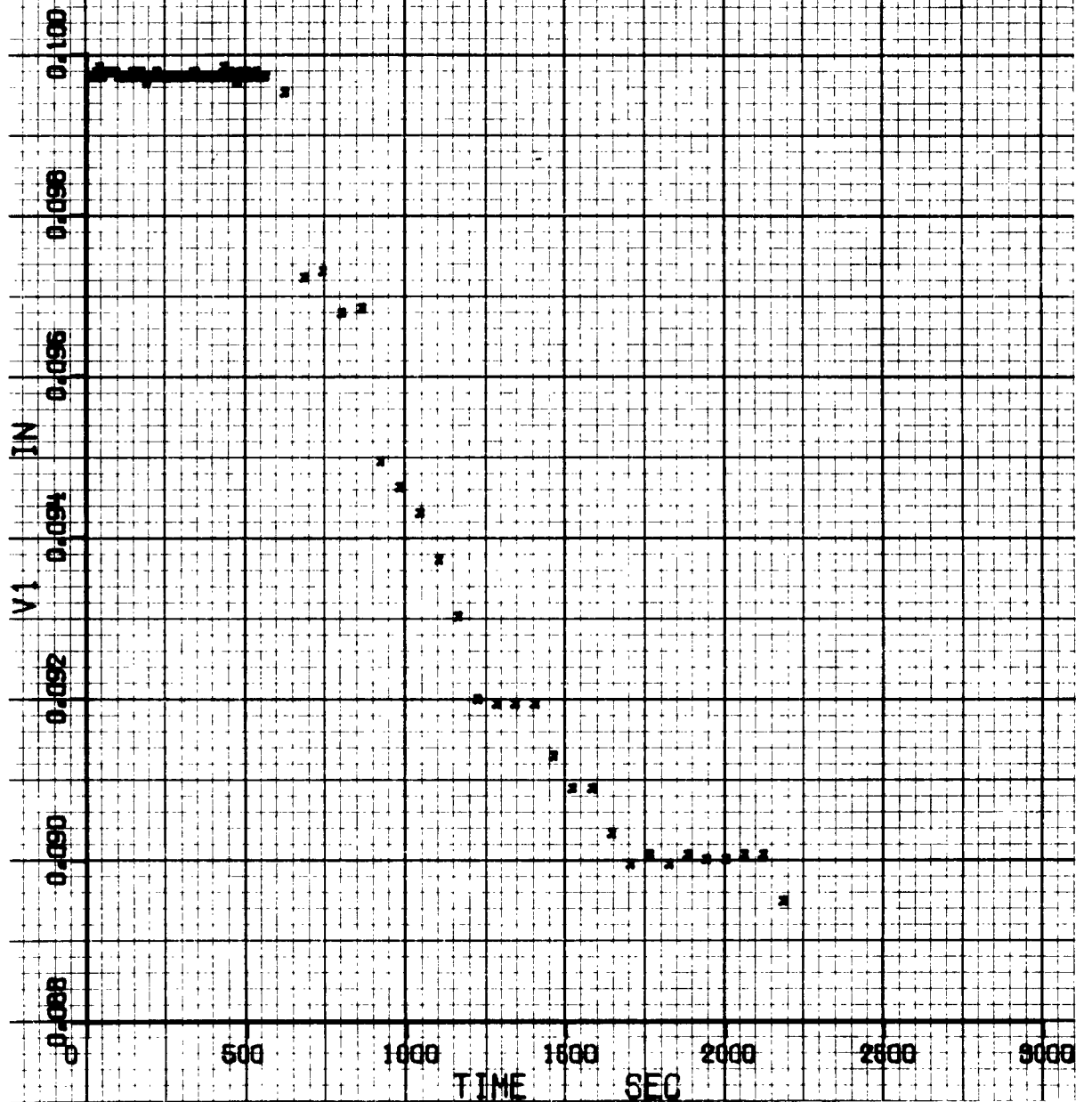
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



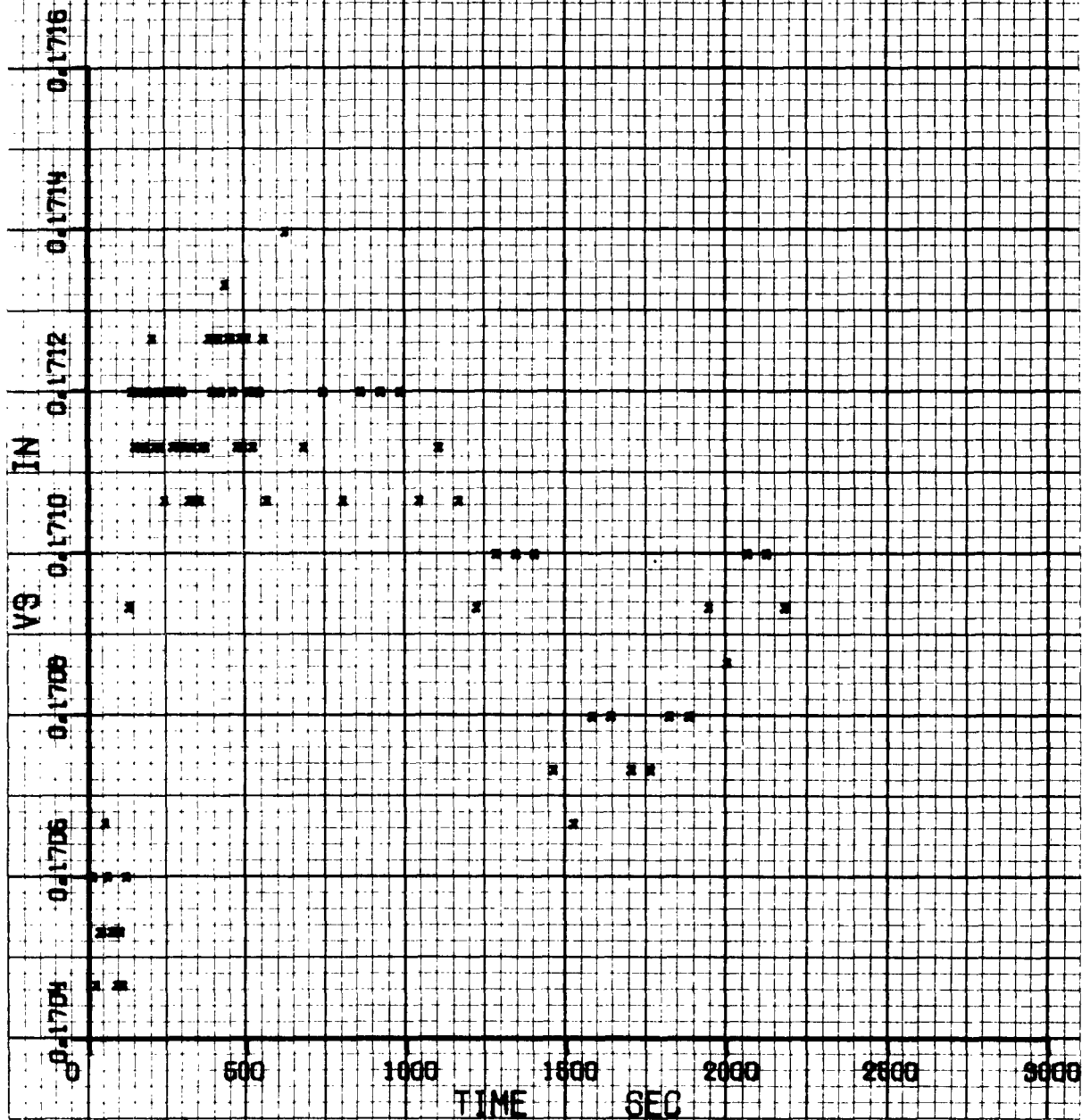
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



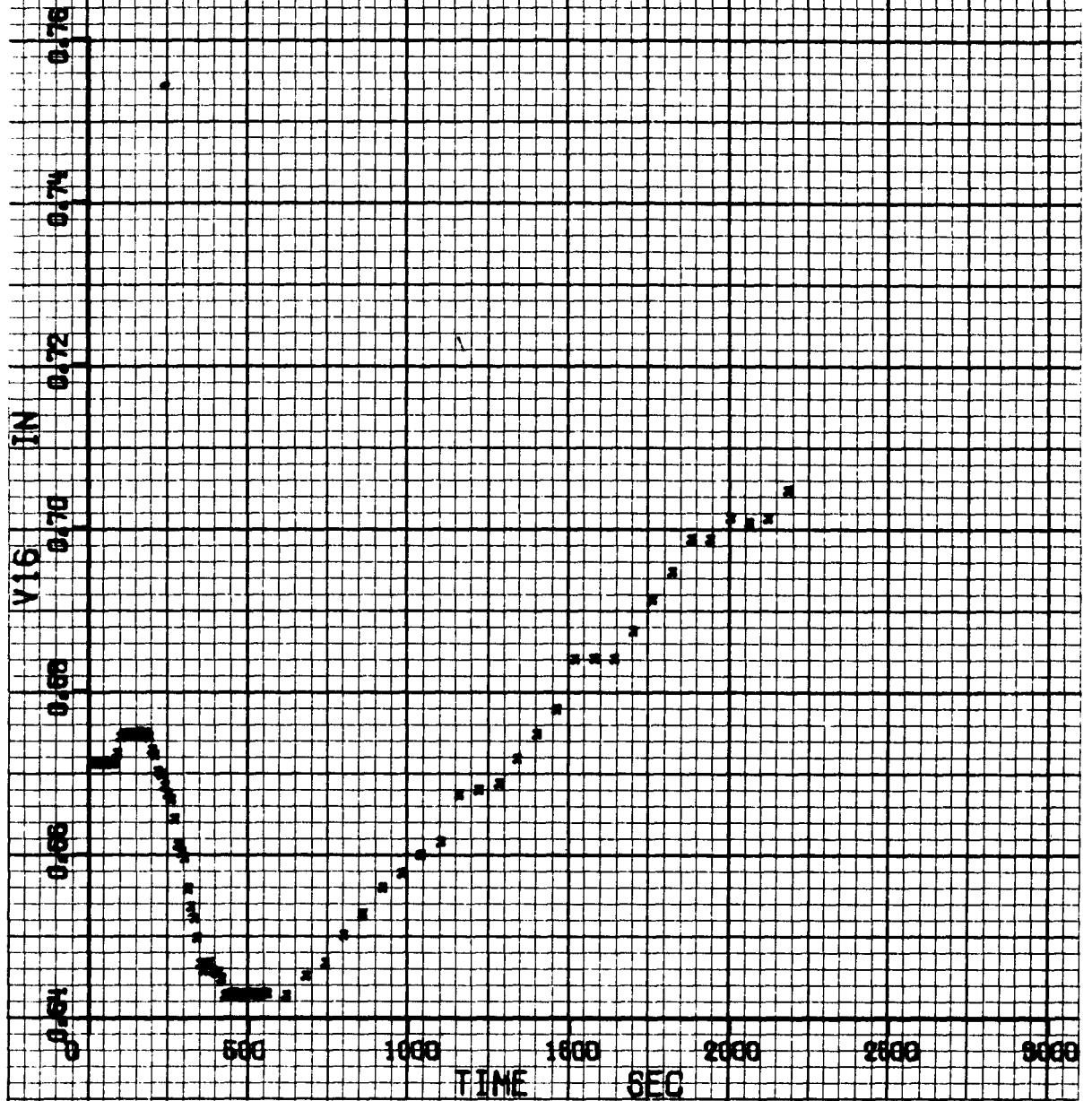
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



# SST WING BOX STATIC SPECIMEN

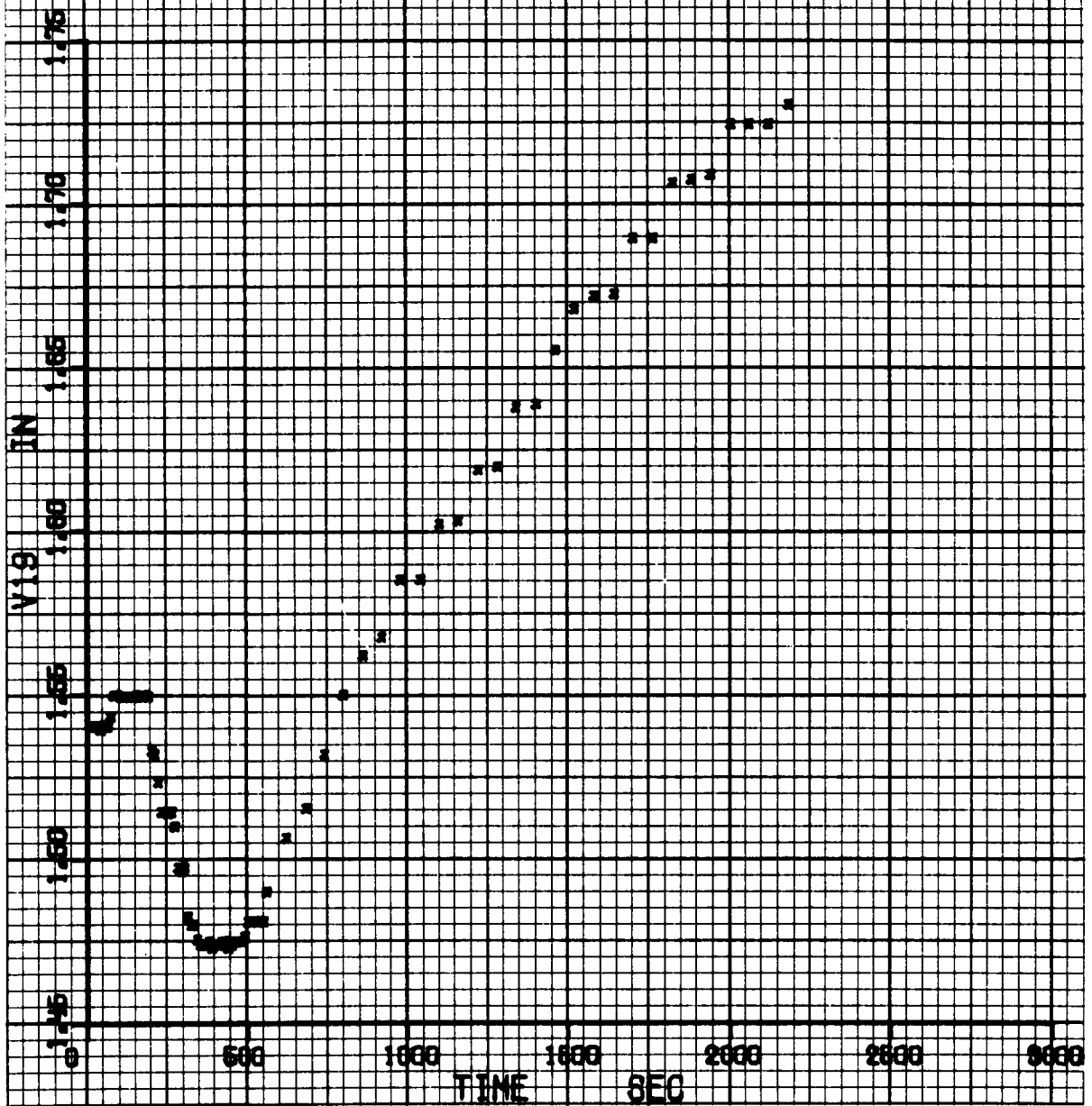
TEST 028 9/16





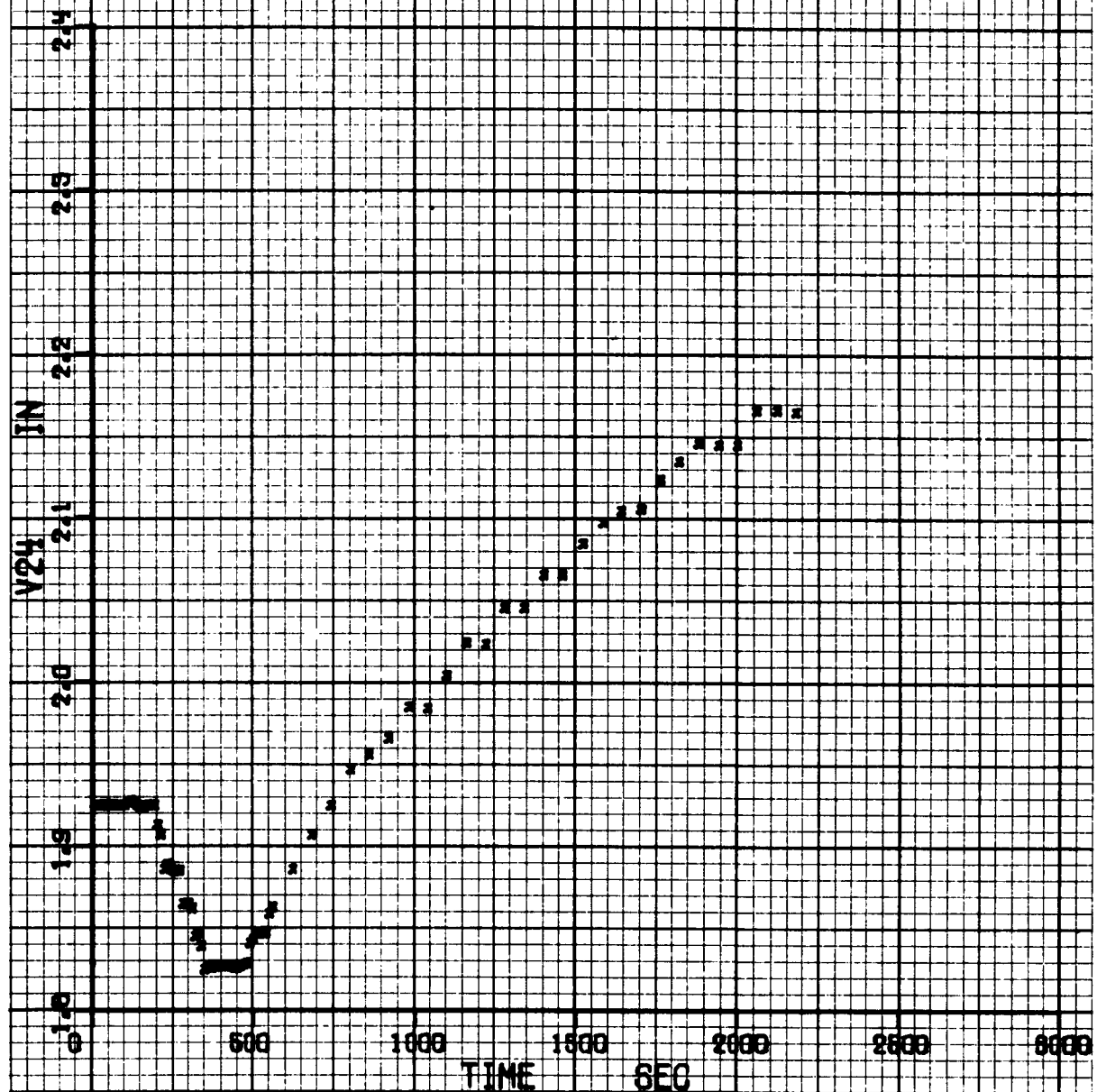
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



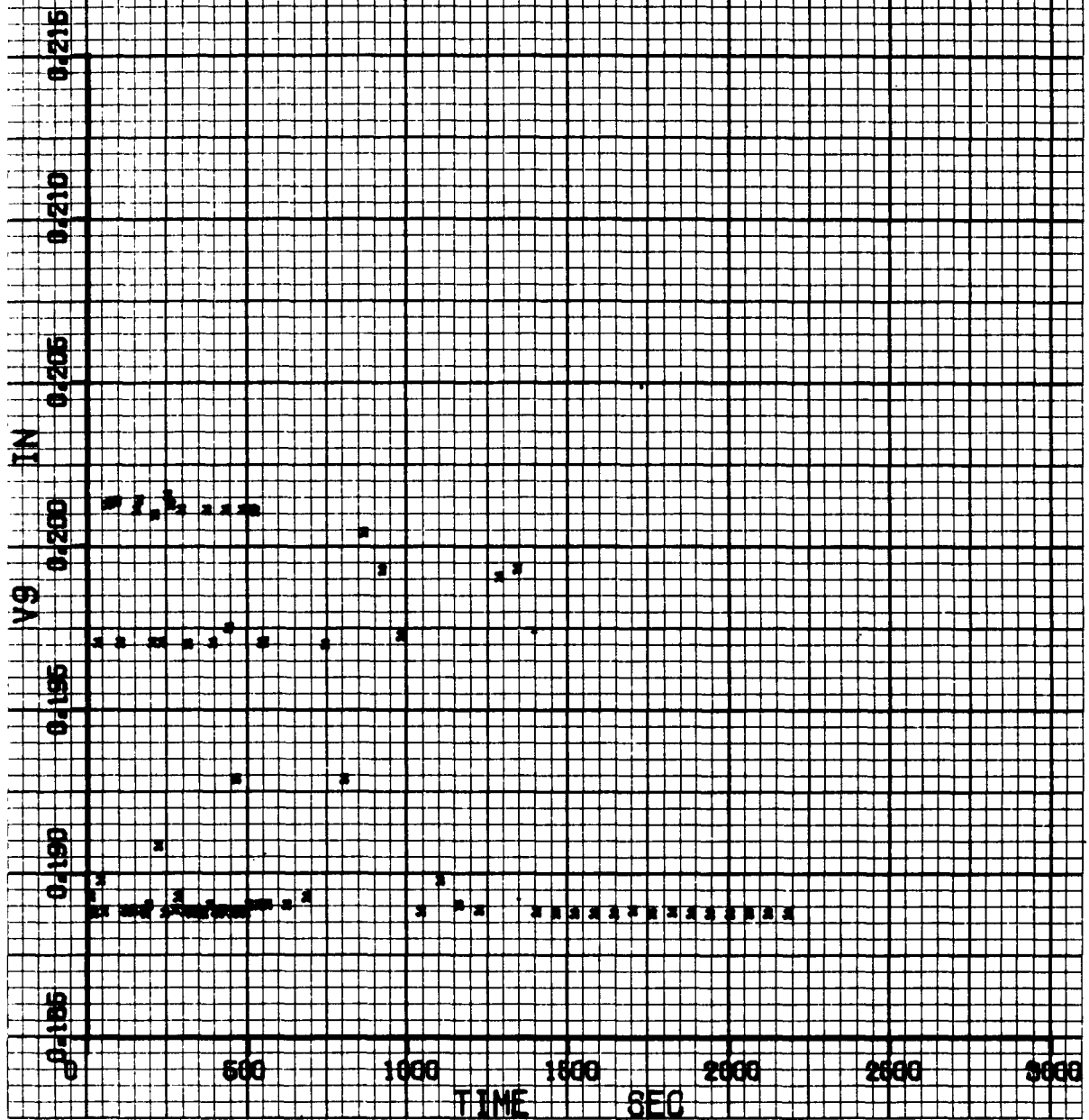
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



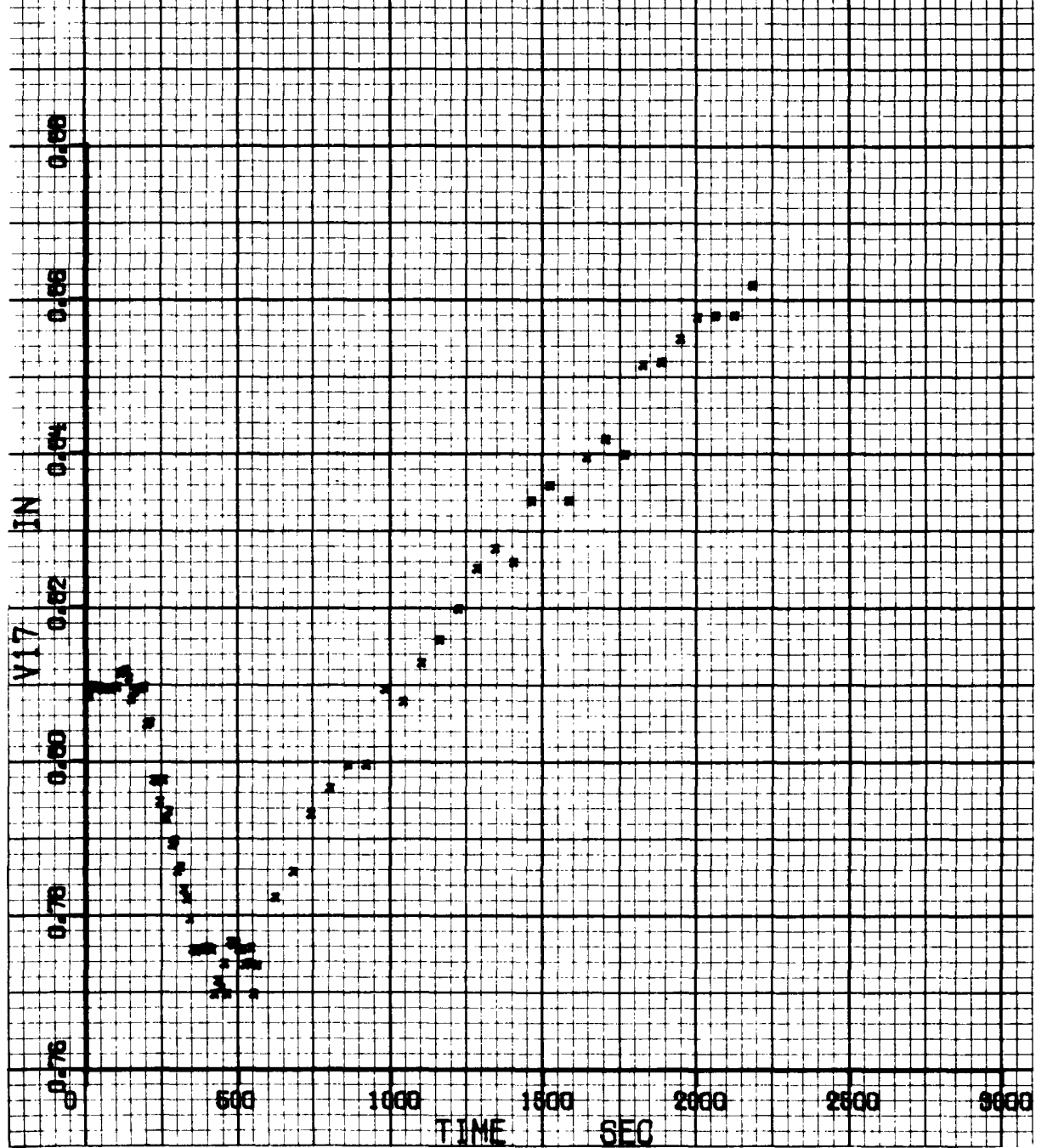
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



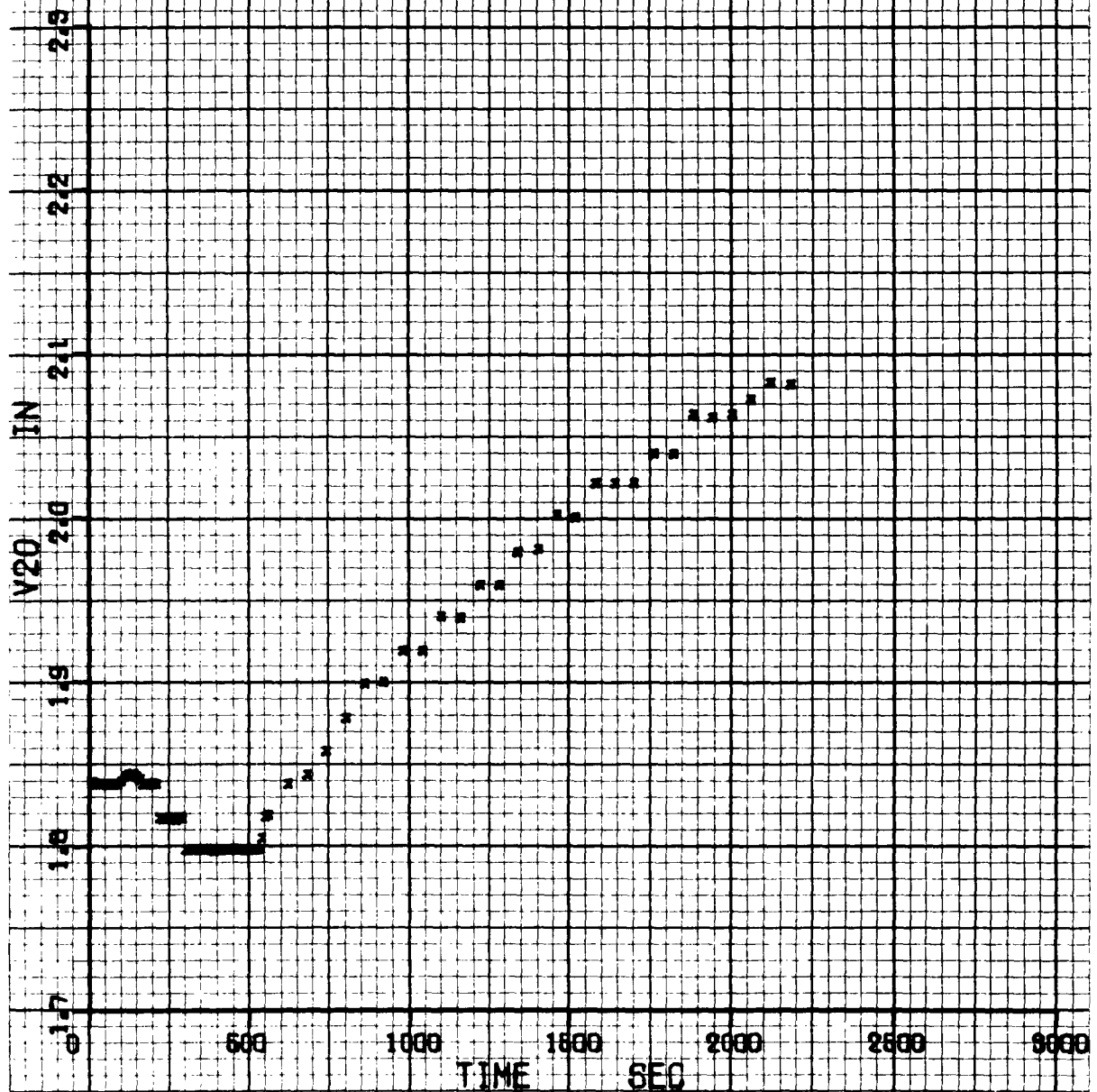
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



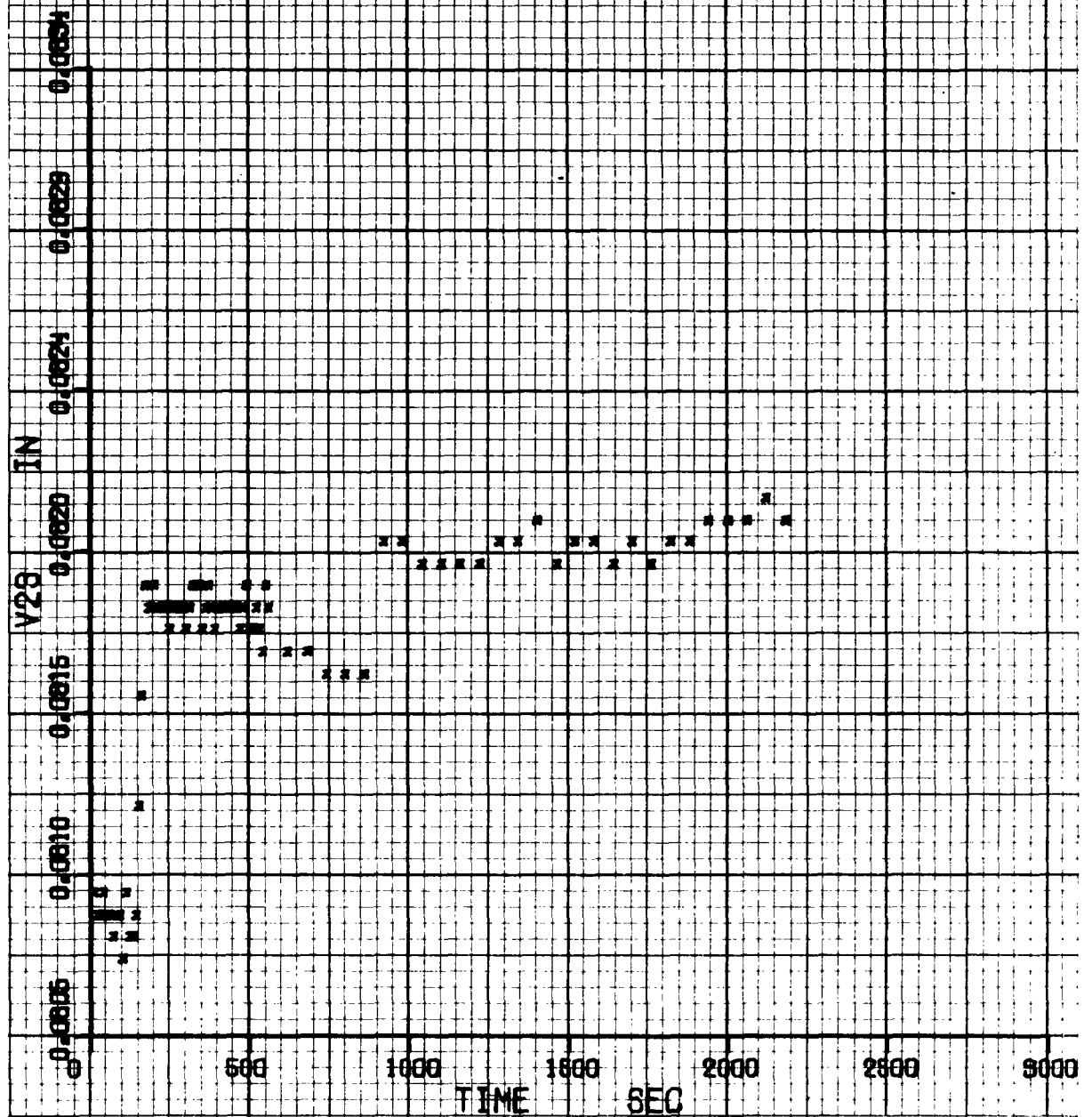
# SST WING BOX STATIC SPECIMEN

TEST 023 9/16



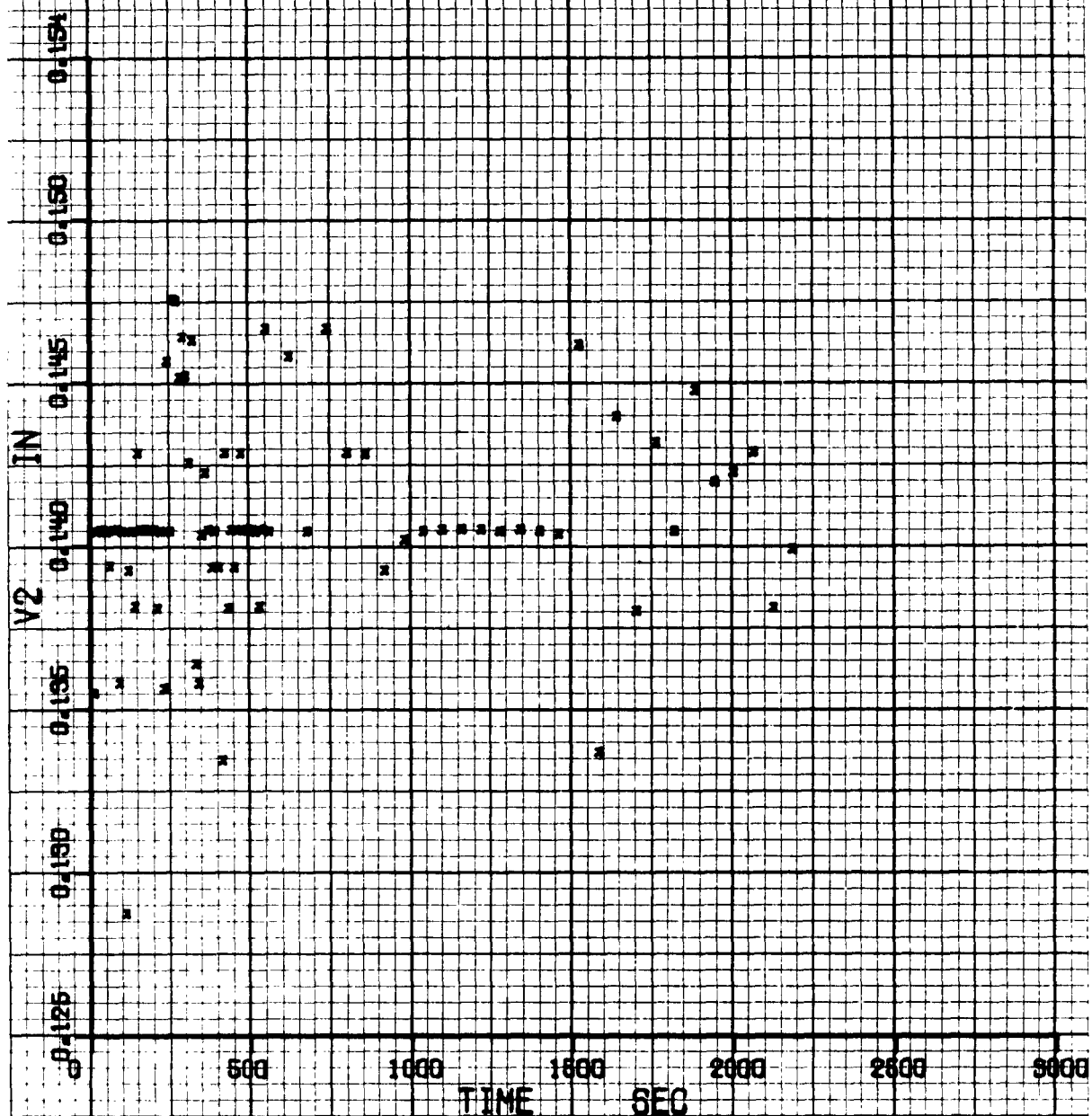
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16



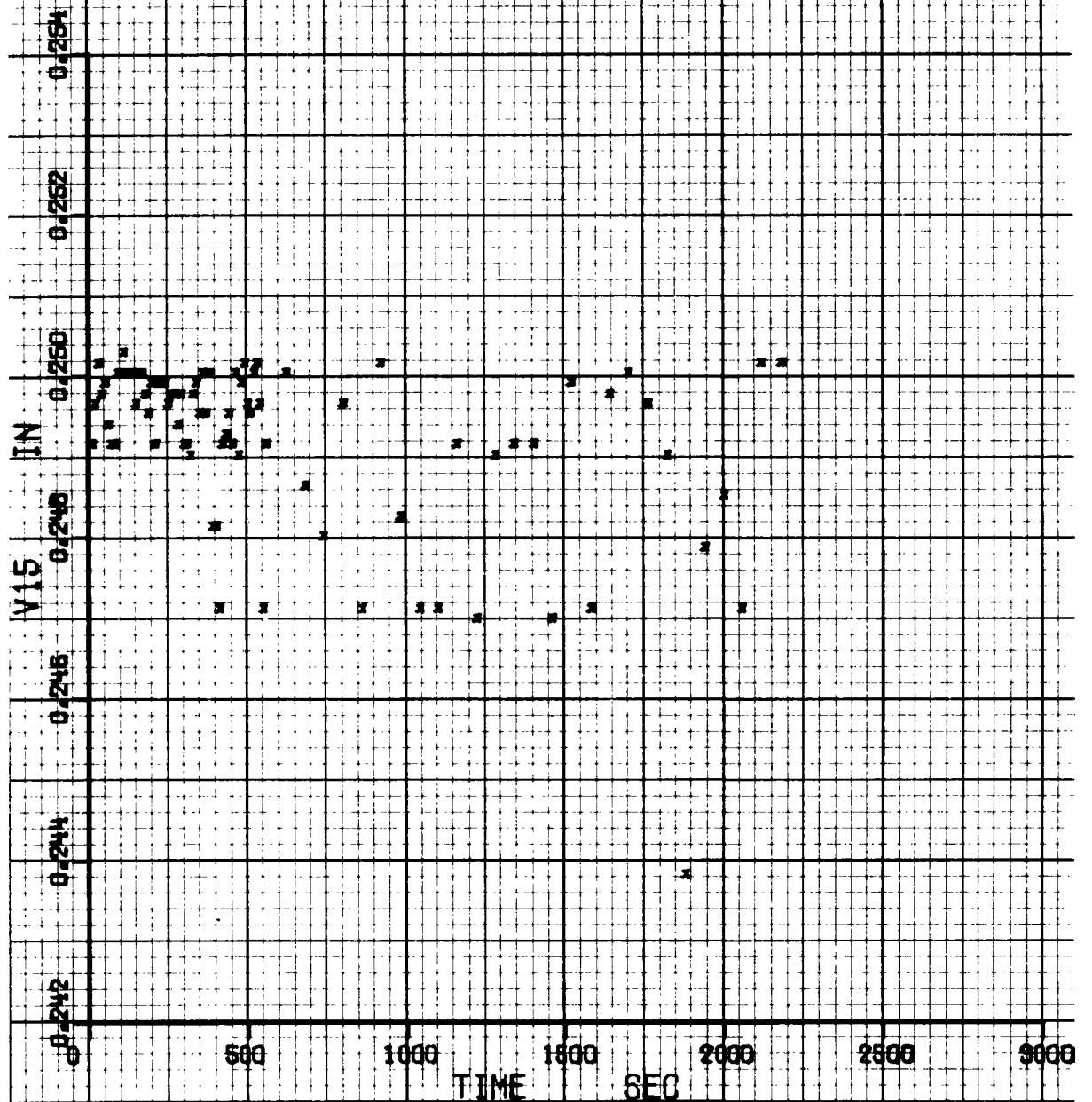
# SST WING BOX STATIC SPECIMEN

TEST 028 9/16

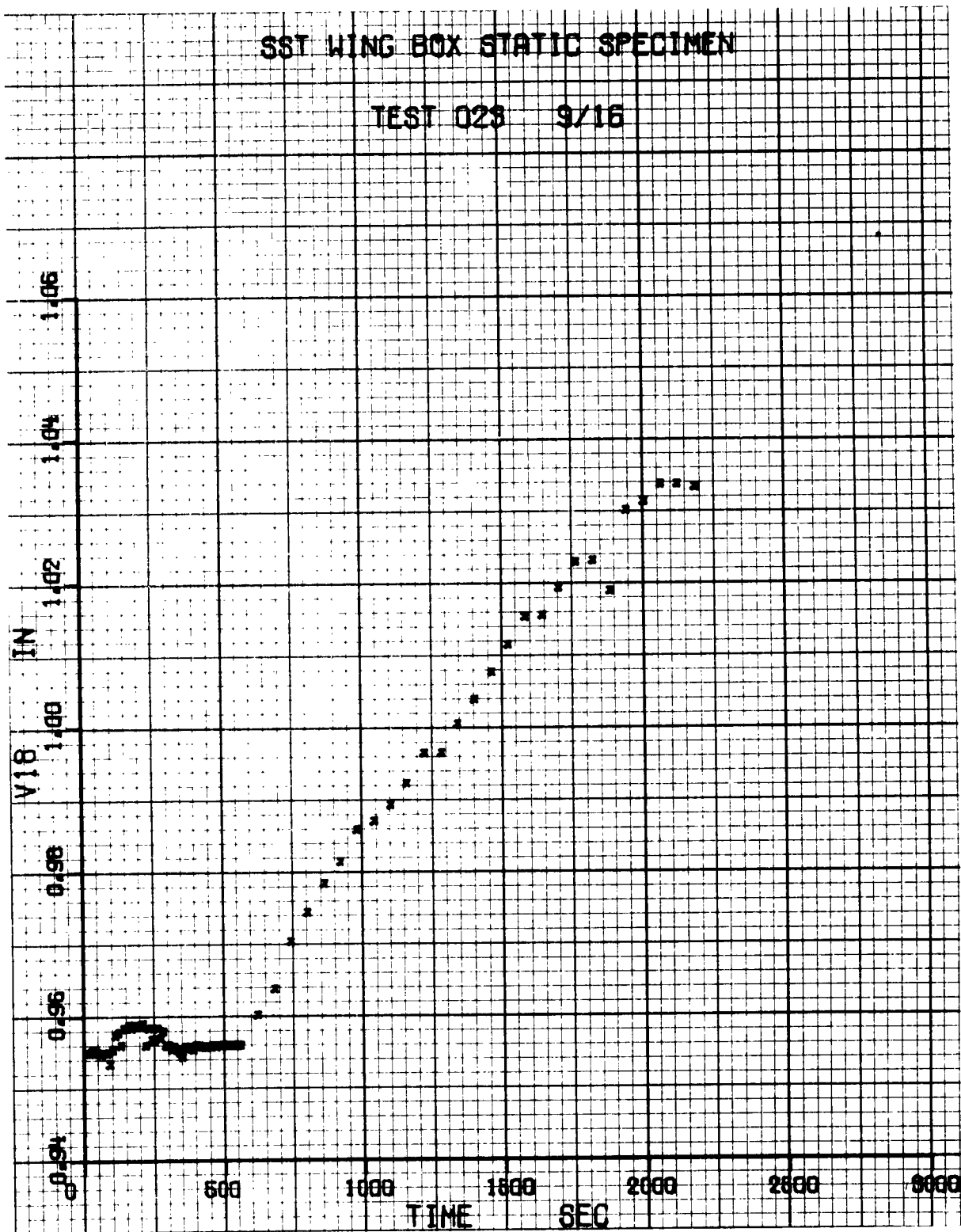


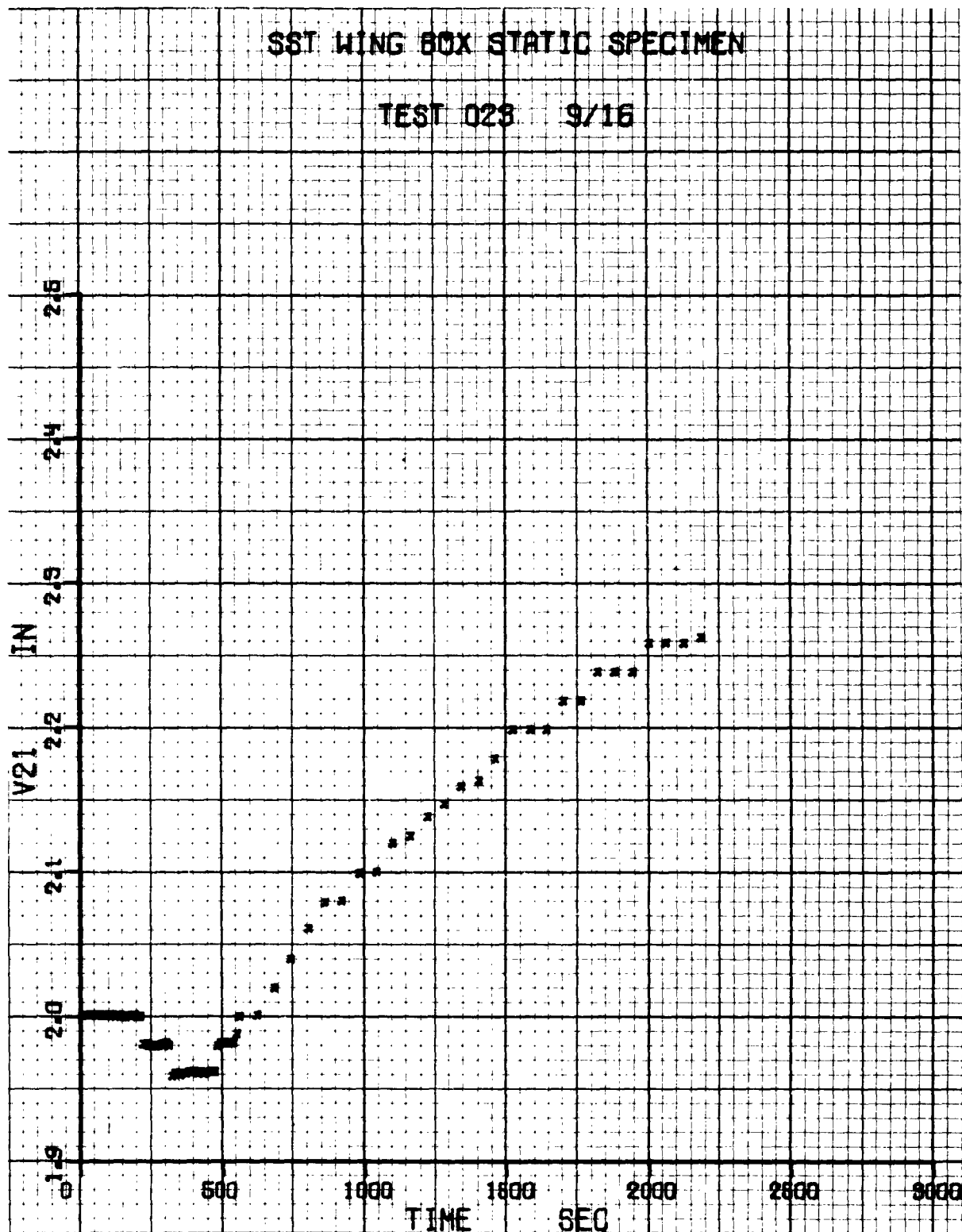
# SST WING BOX STATIC SPECIMEN

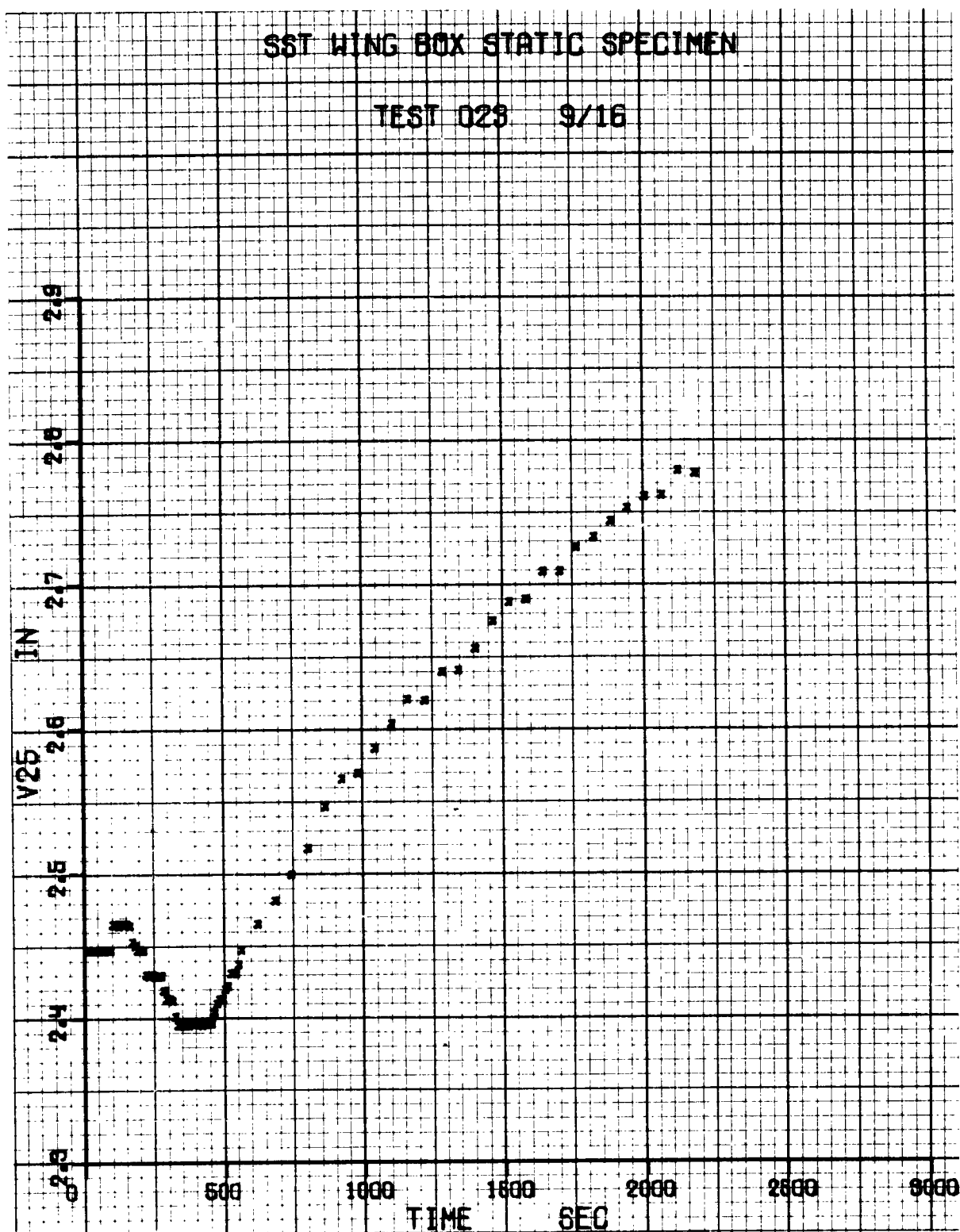
TEST 028 9/16











TEST No. 25

Jack Location W.S. 189 ; F.S. 60

Jack Load, lb 35,300

Percent of Limit 100

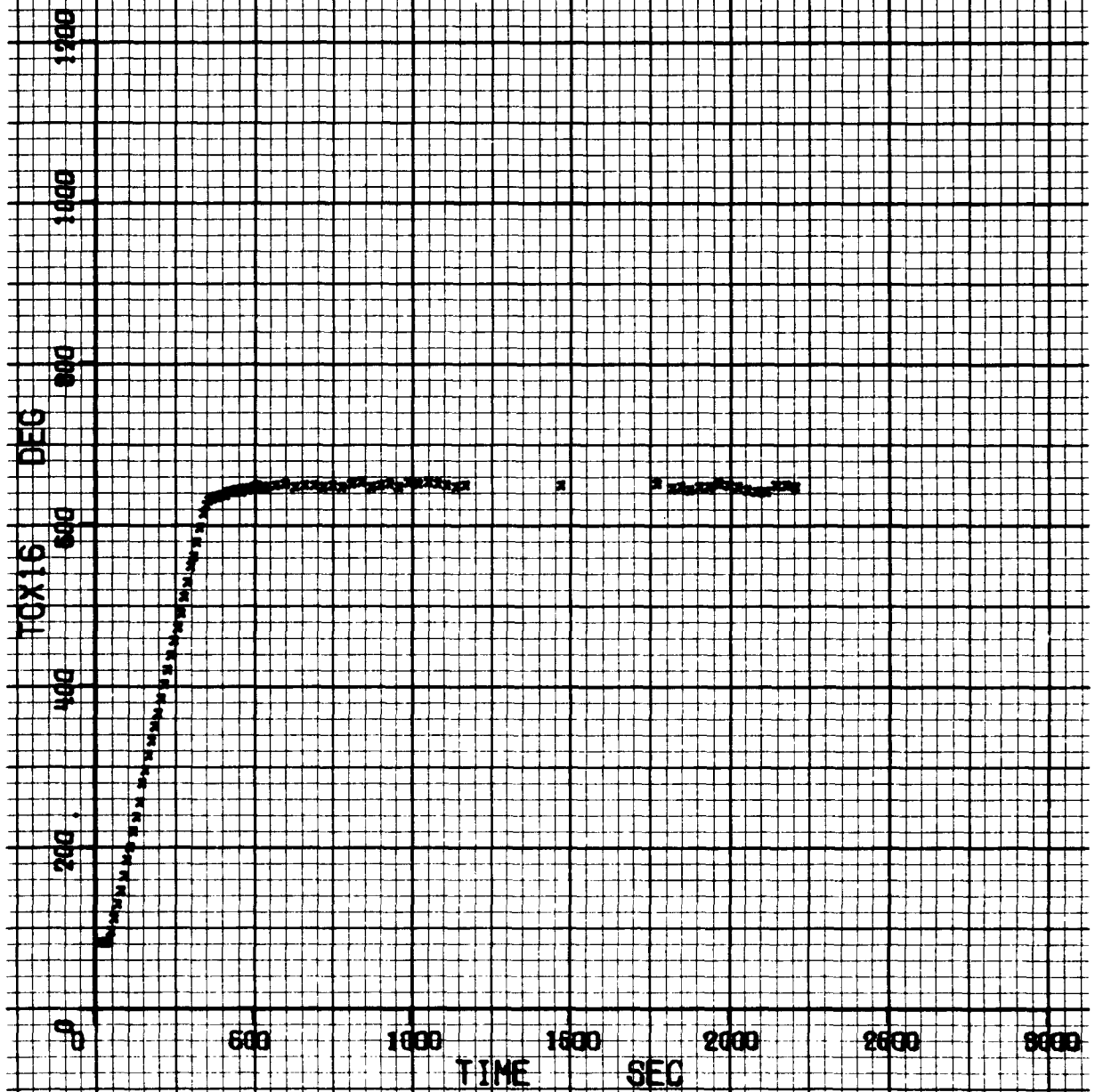
Fuel Condition Tanks EMPTY

Tank Pressure, psi 0

Maximum Surface Temperature, °F 650

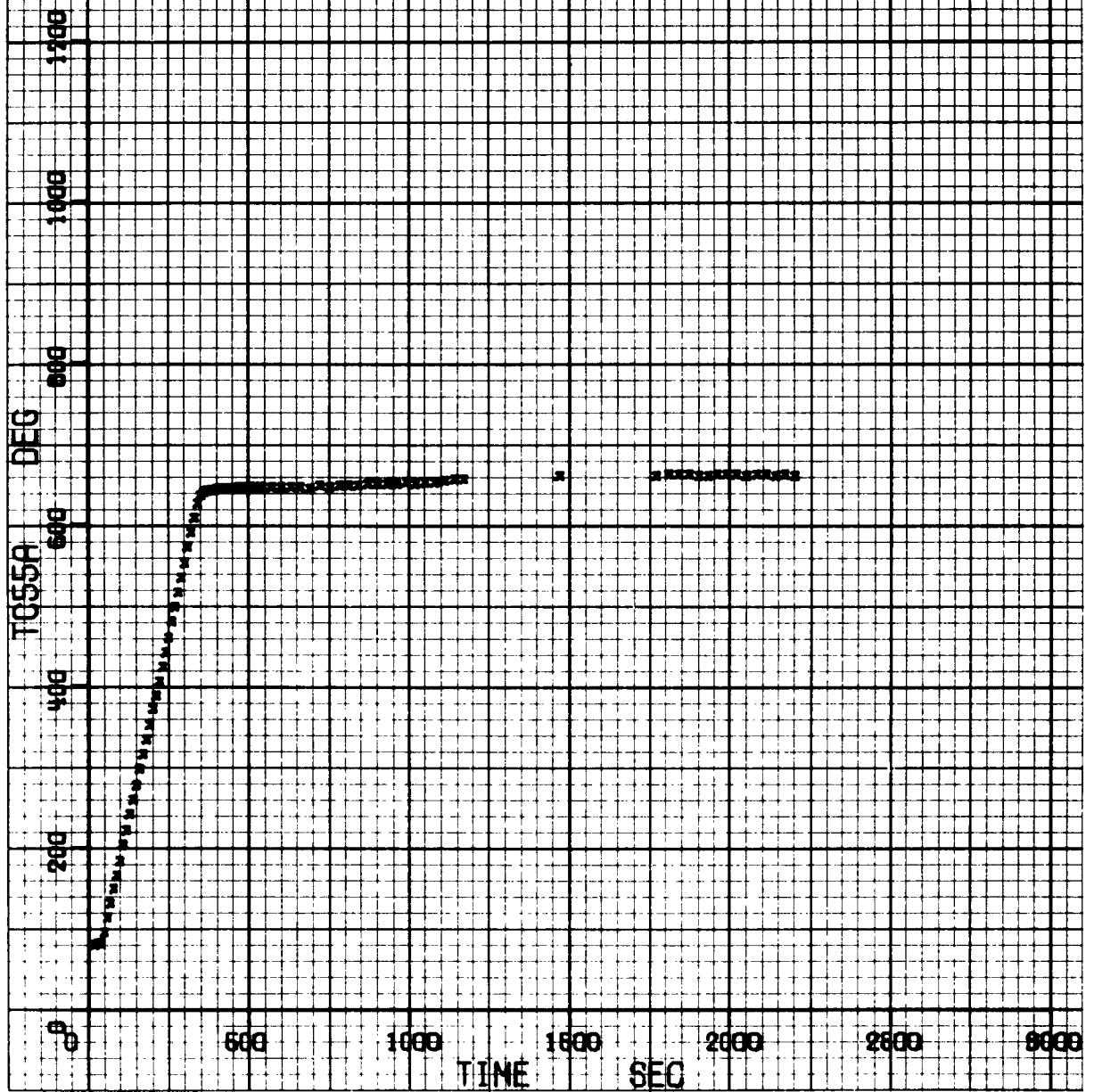
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



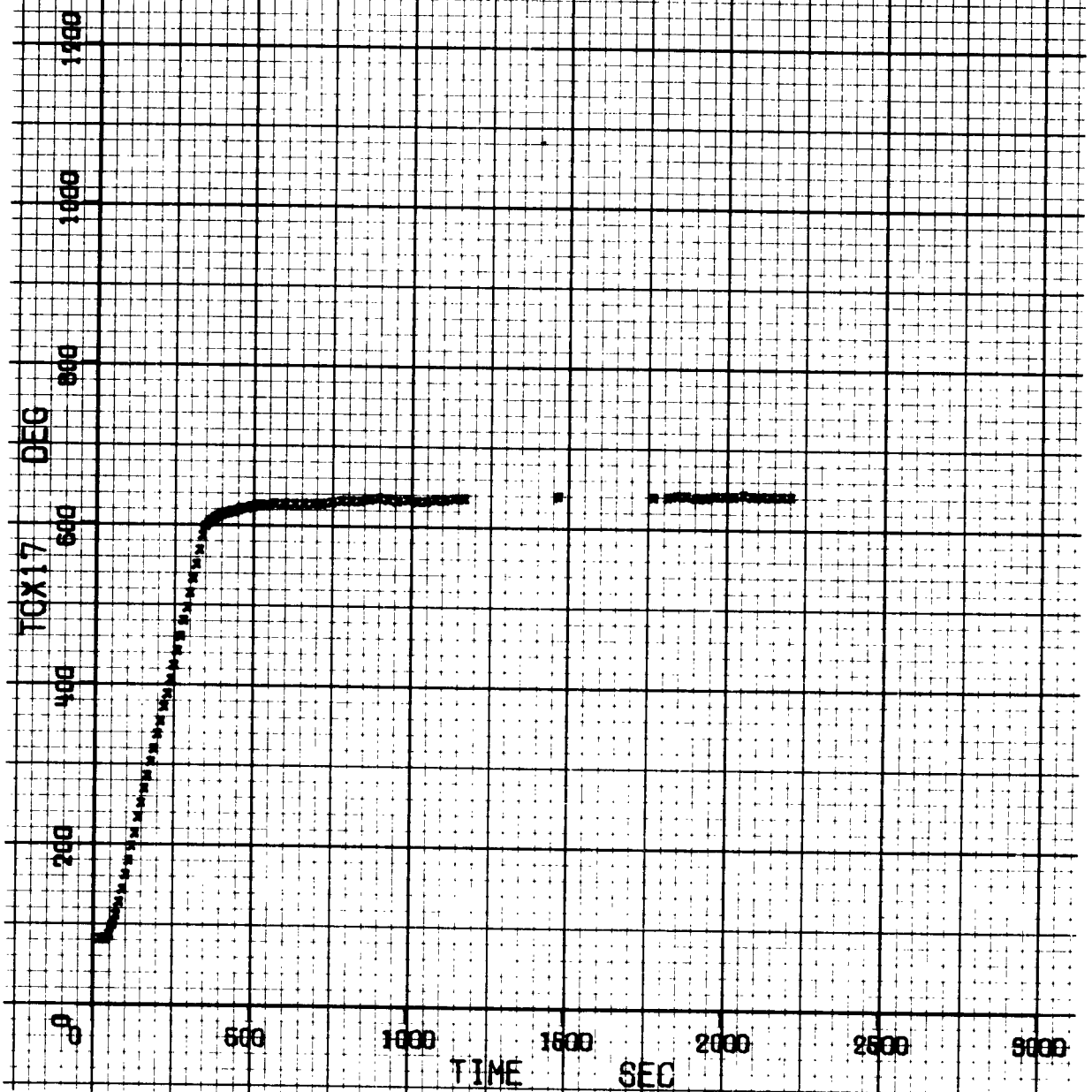
SST WING BOX STATIC SPECIMEN

TEST 025 9/17



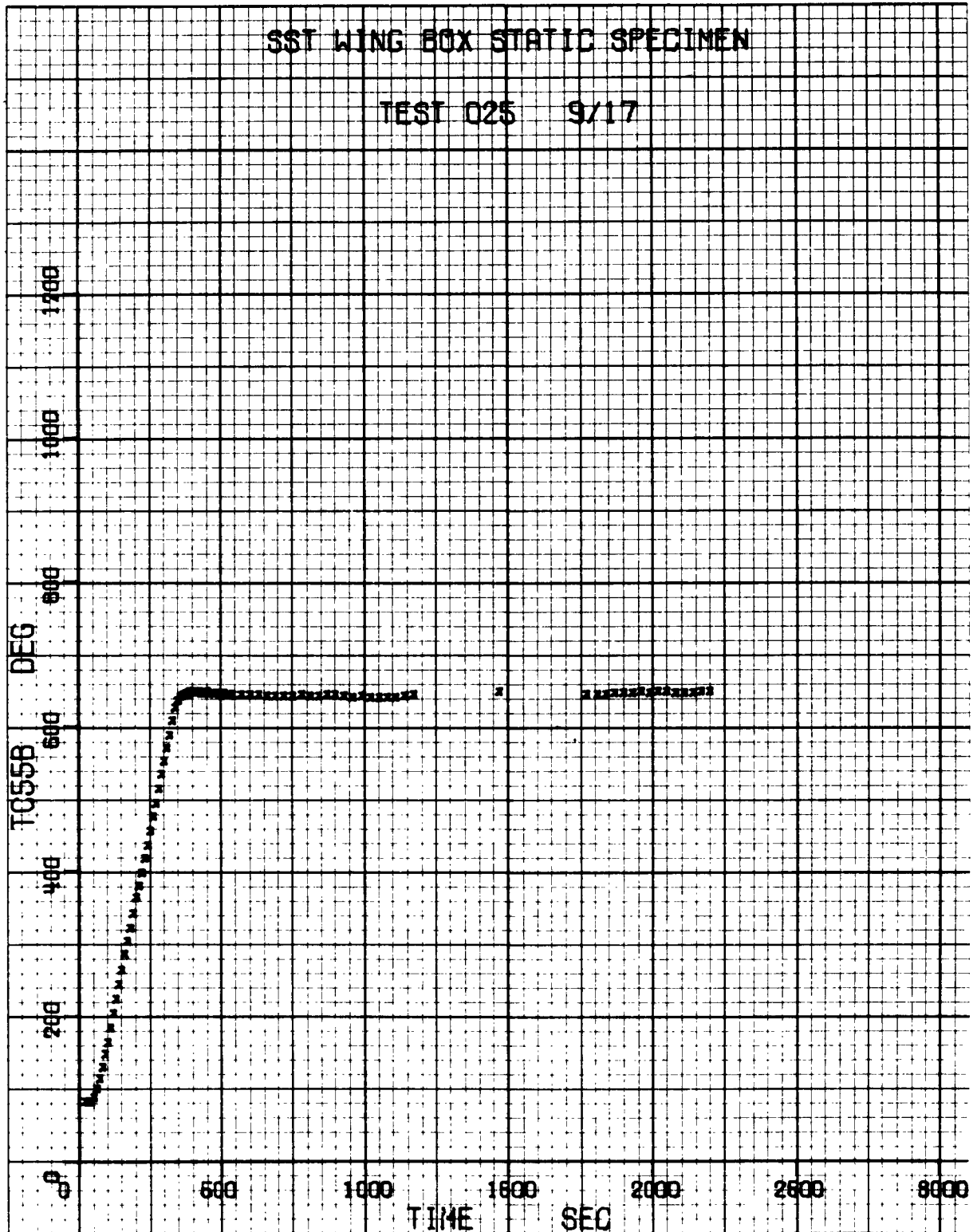
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

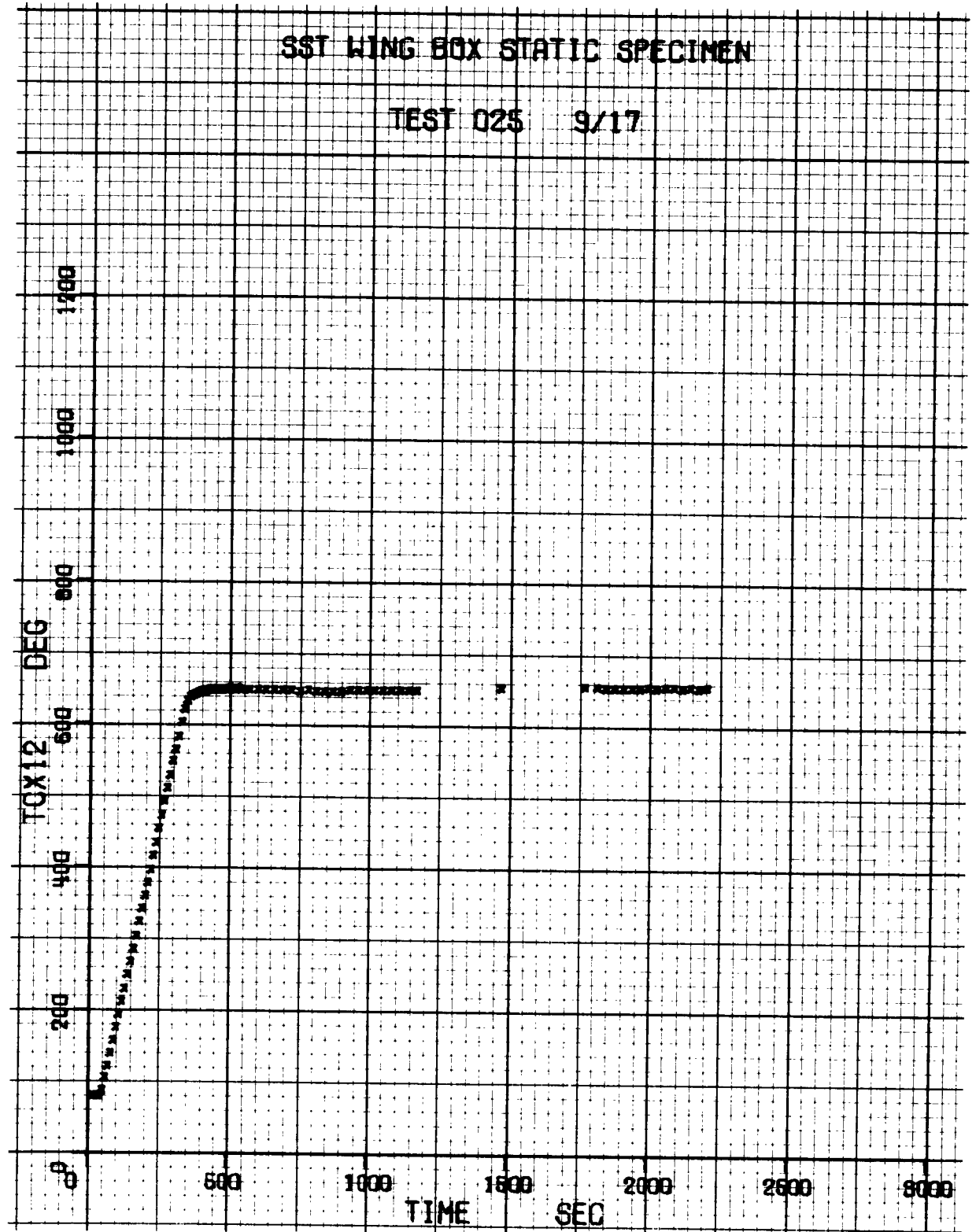
TEST 025 9/17

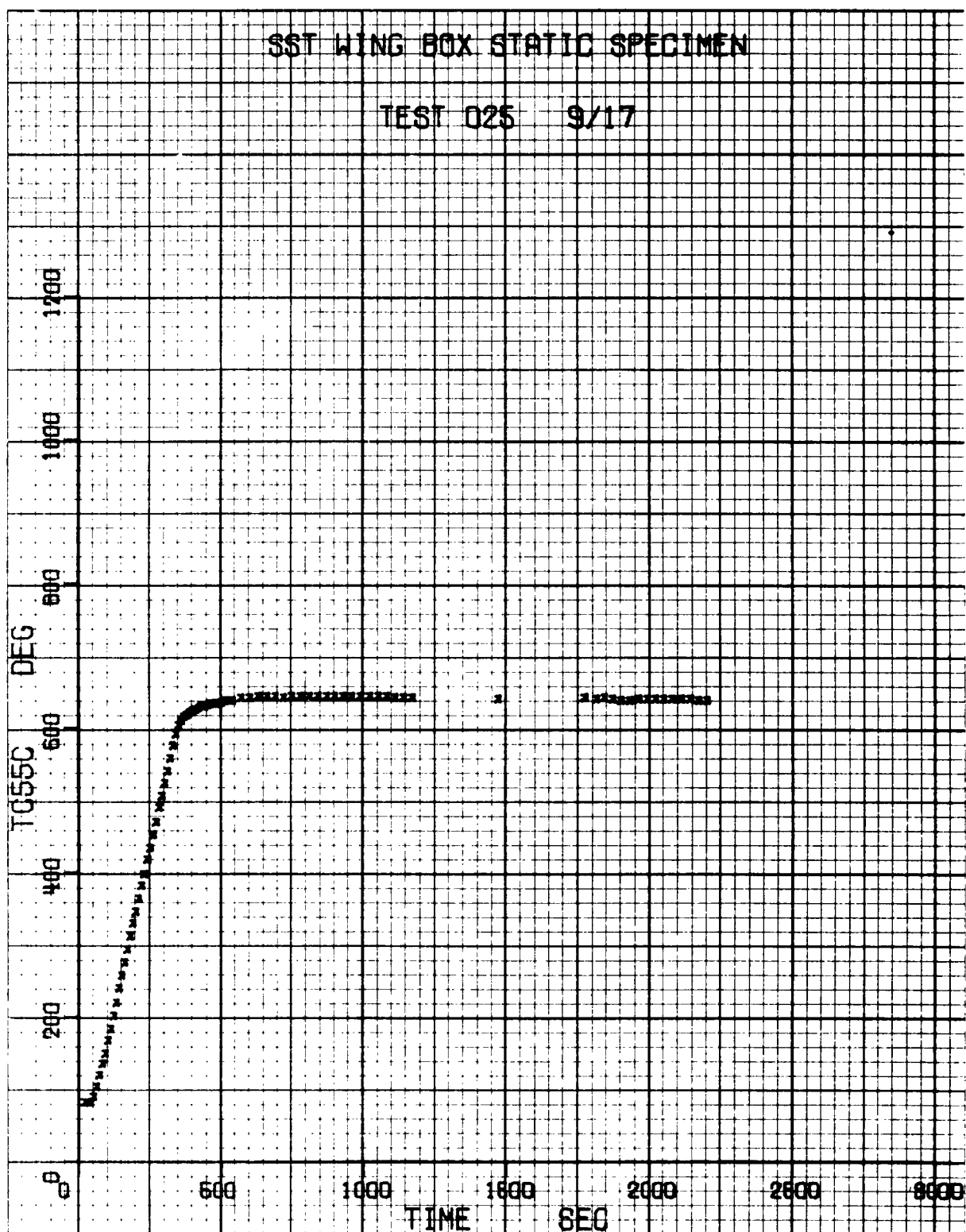


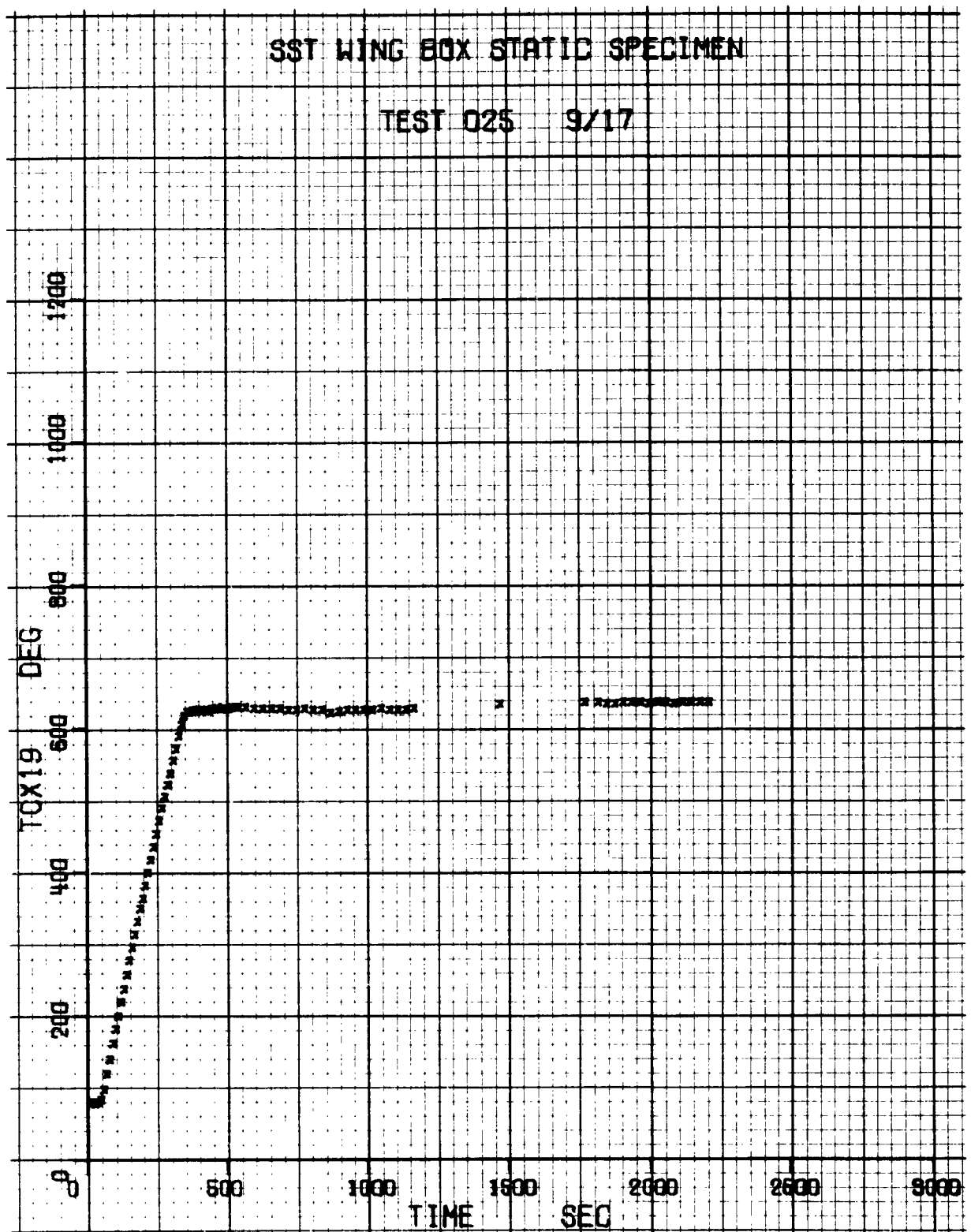


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

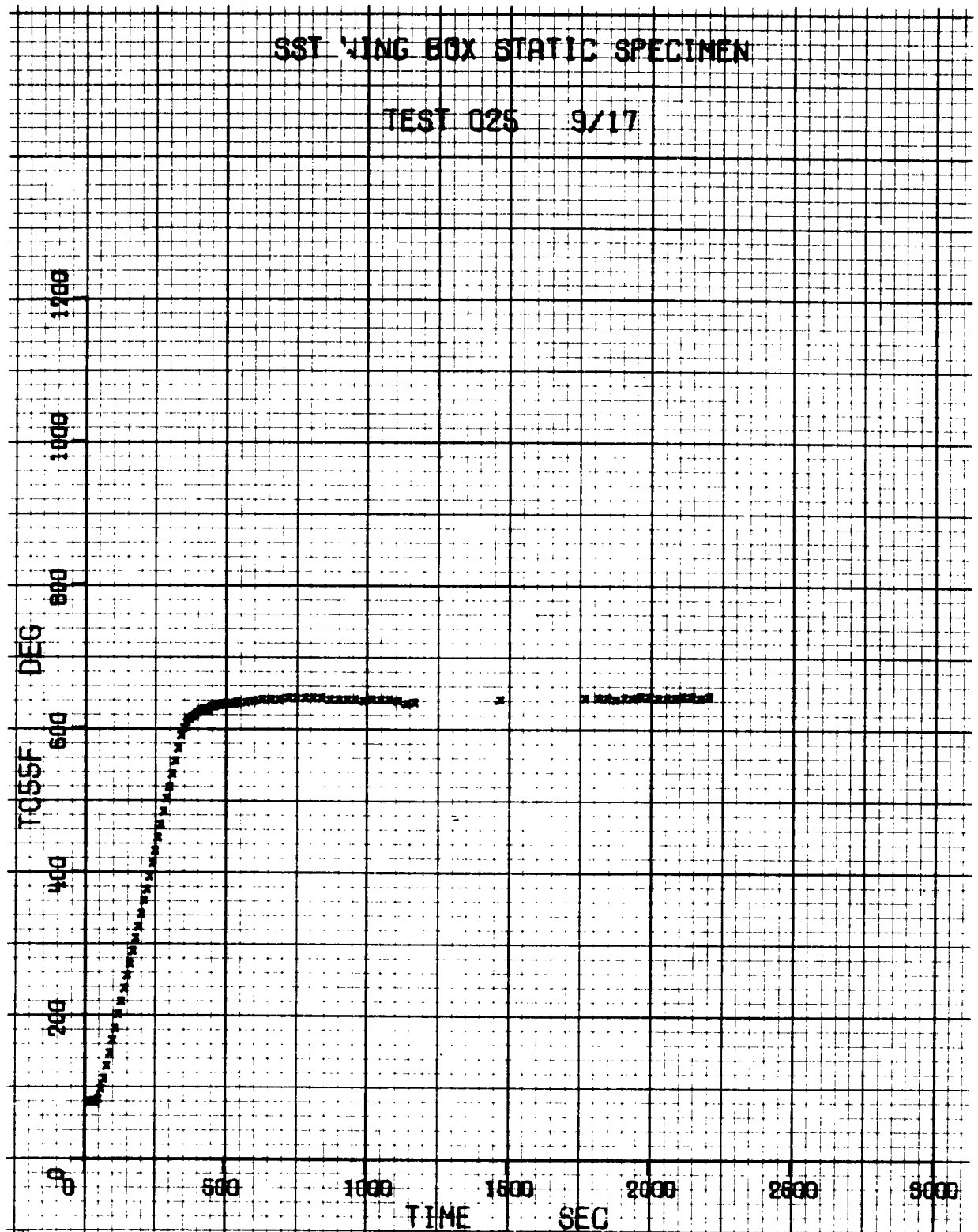






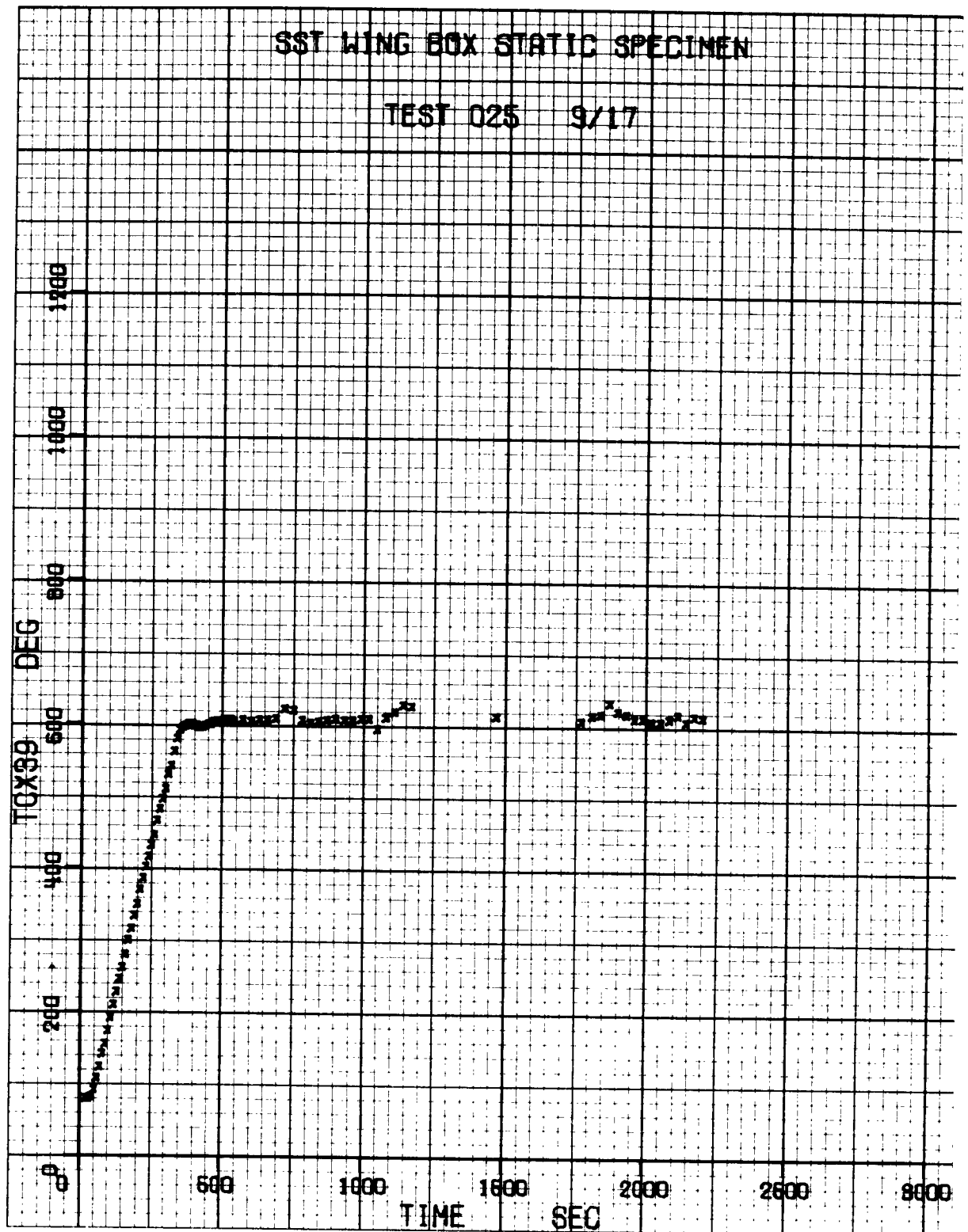
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



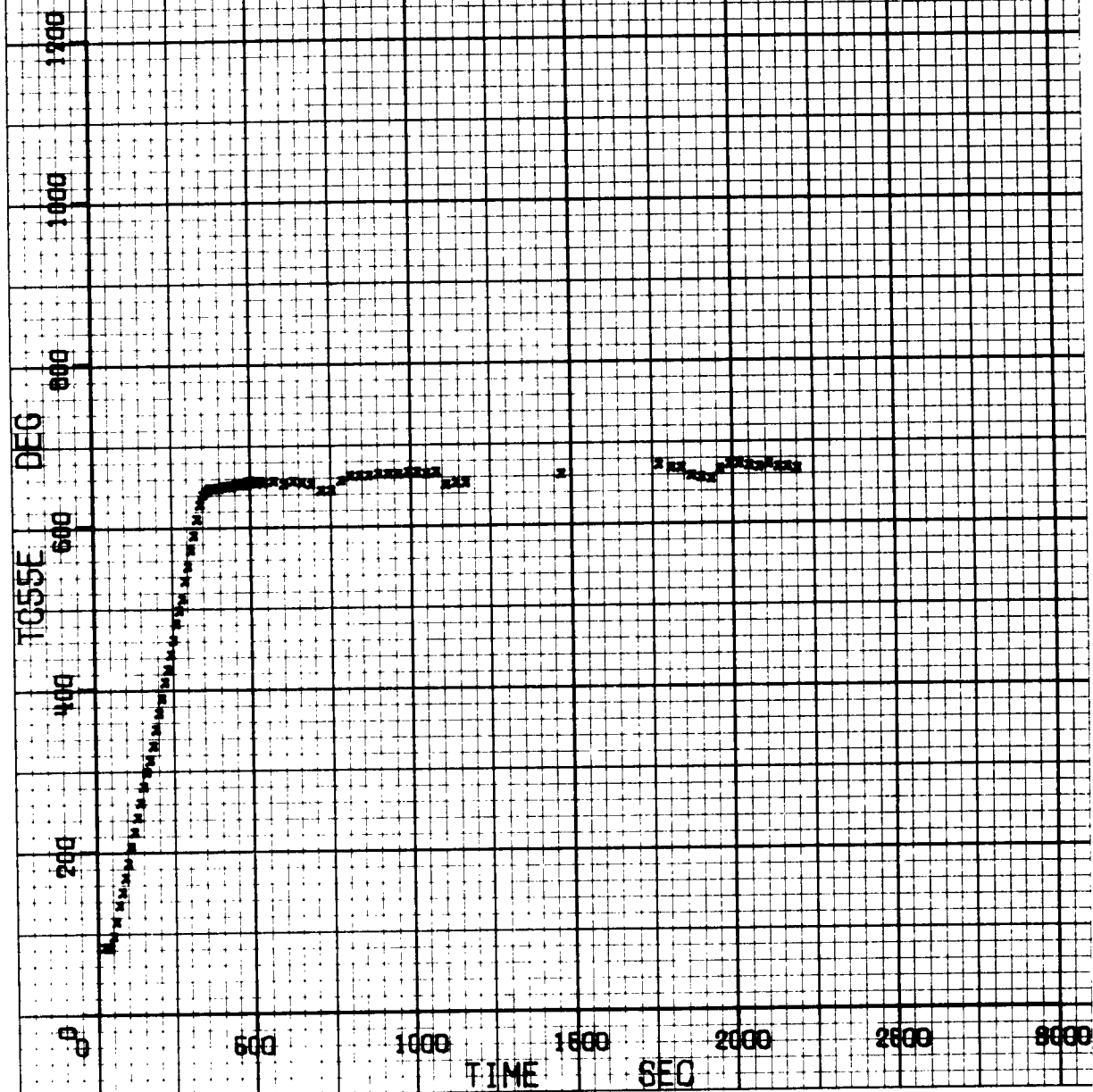
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



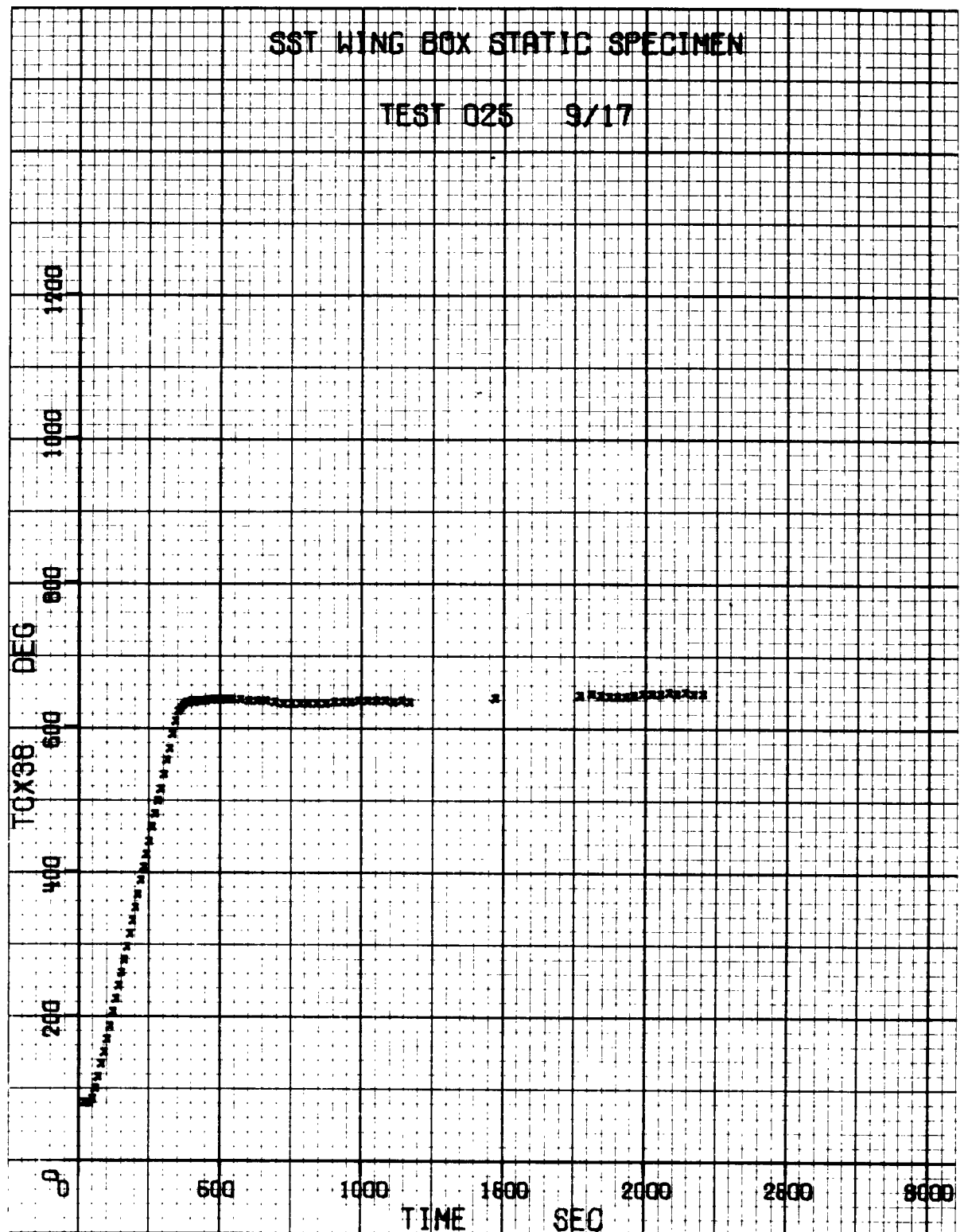
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



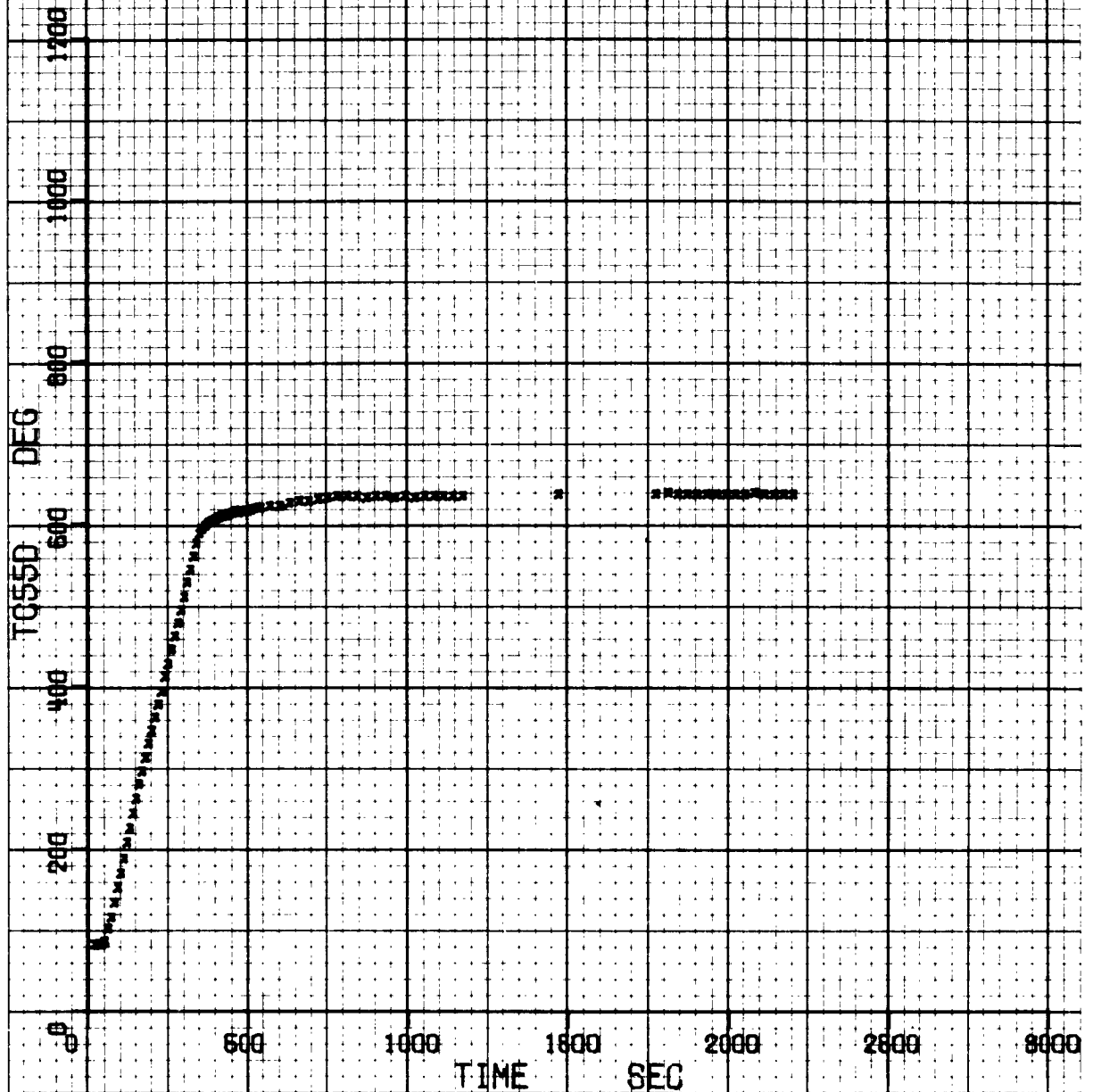
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

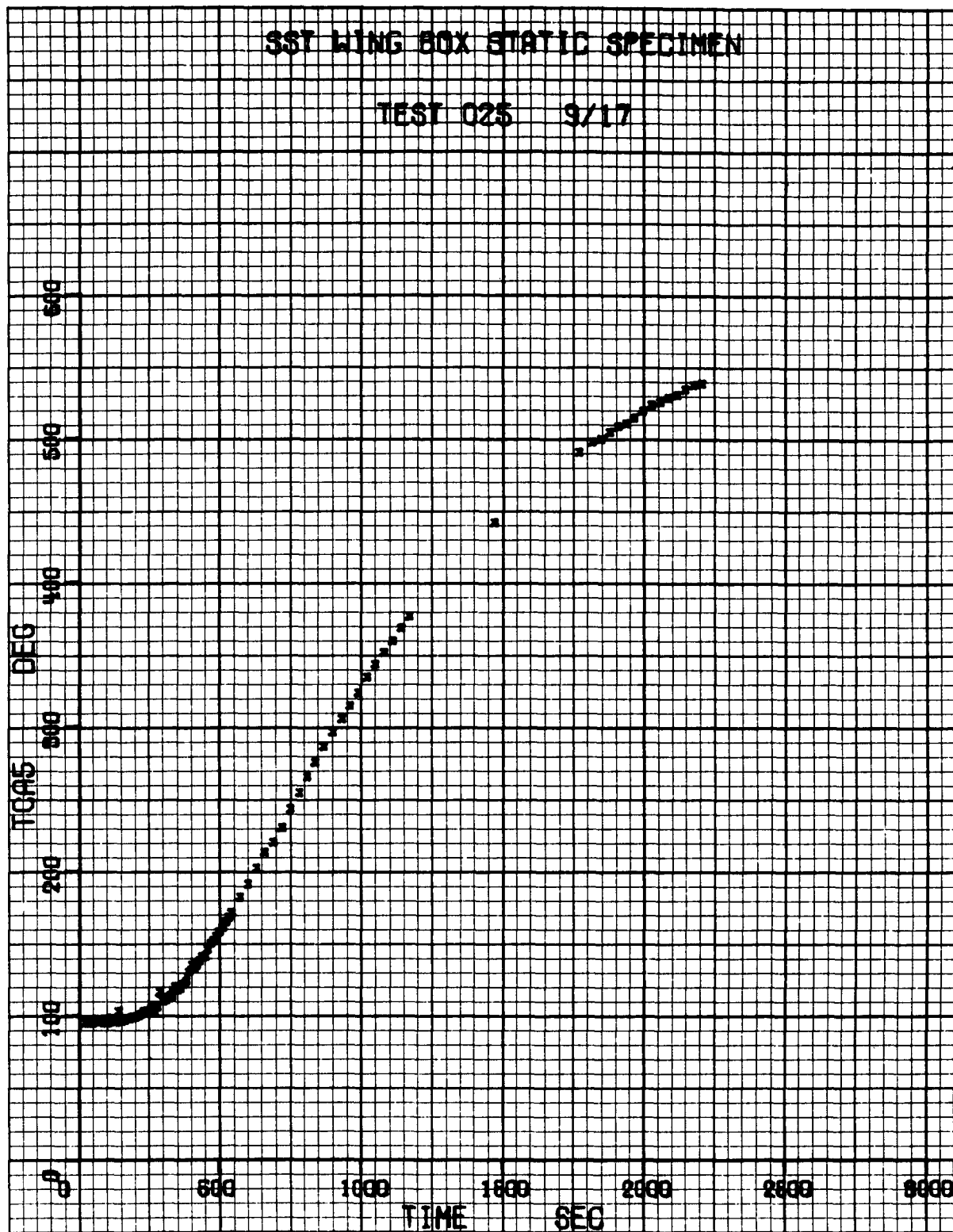


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

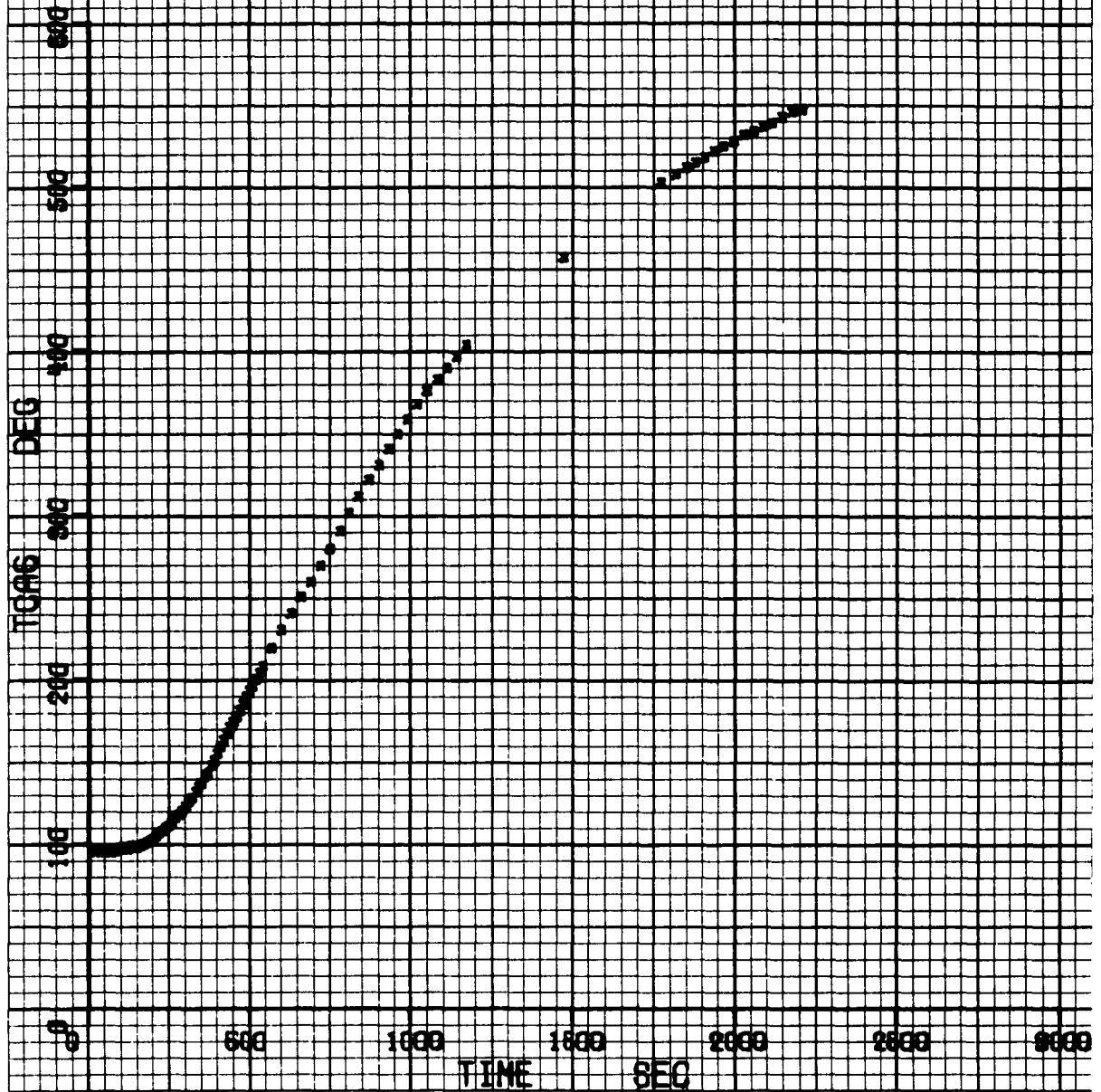






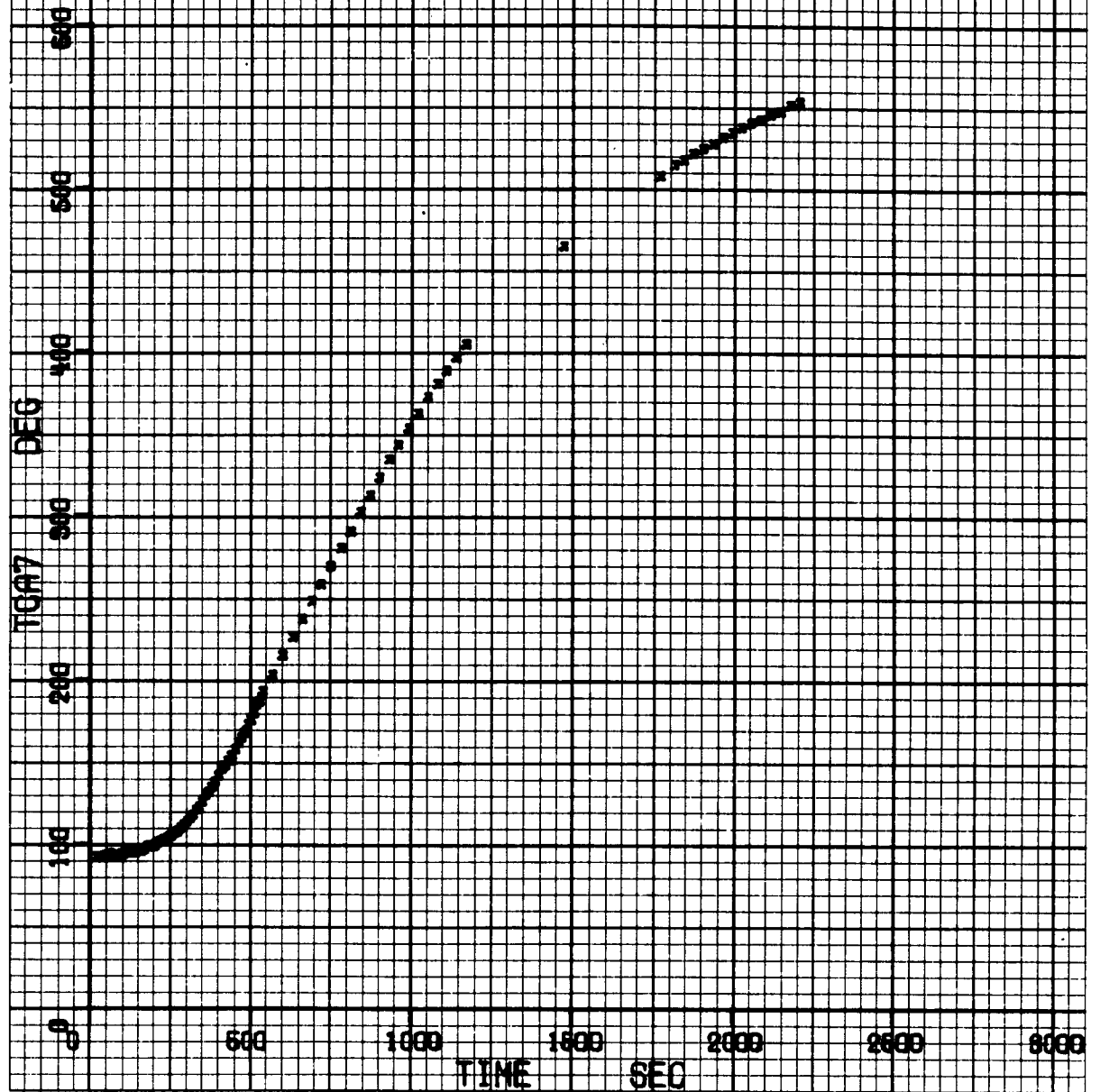
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

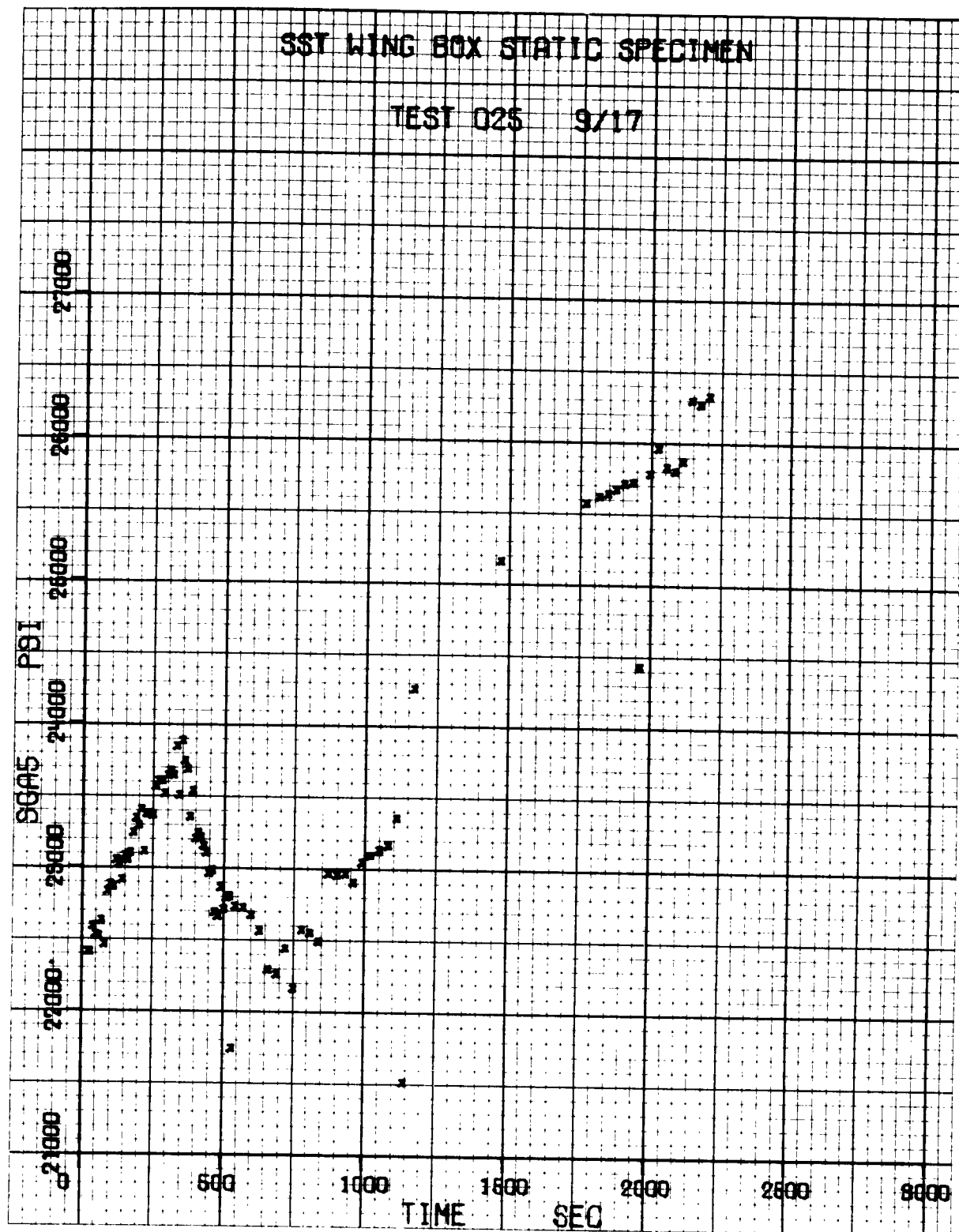


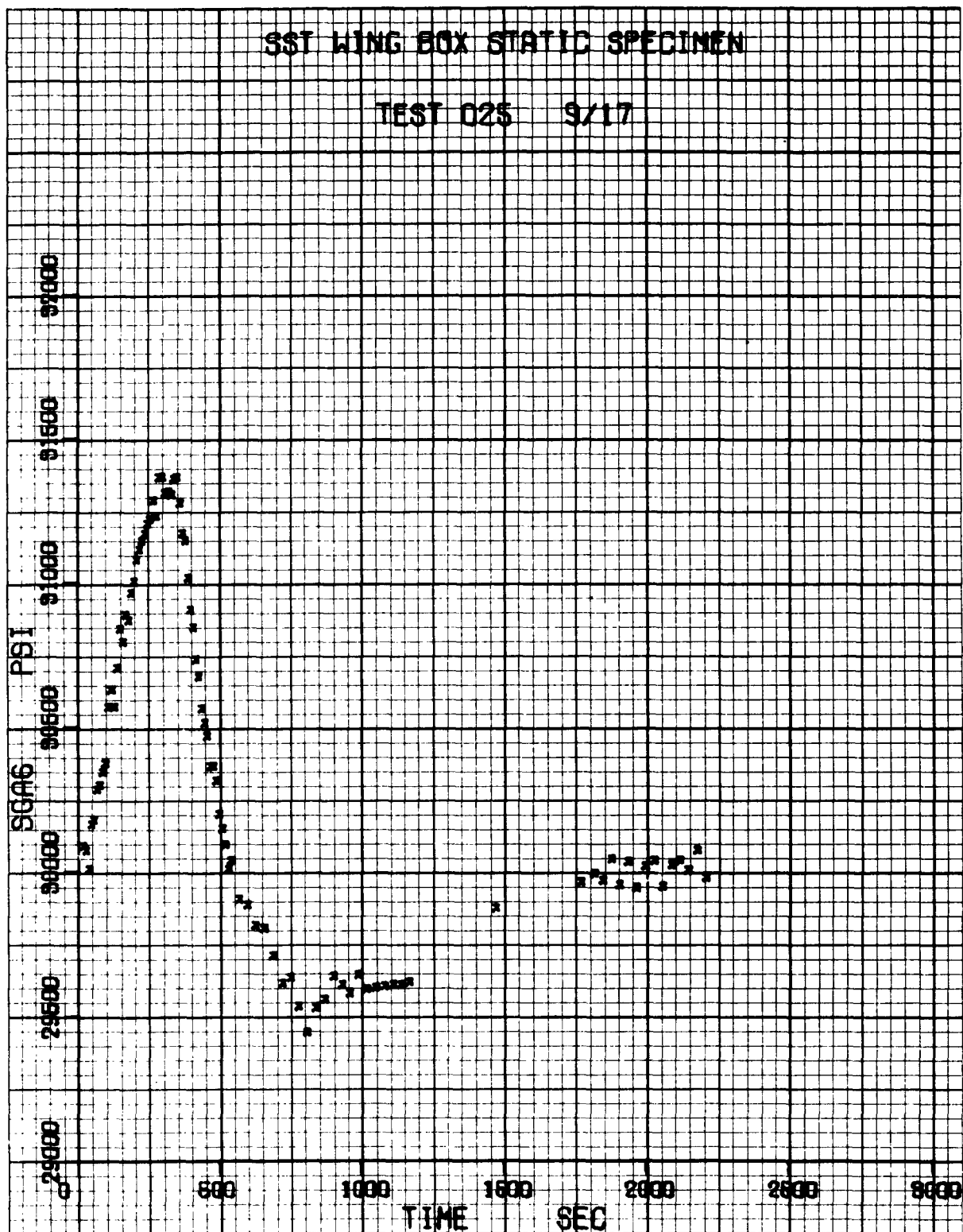
# SST WING BOX STATIC SPECIMEN

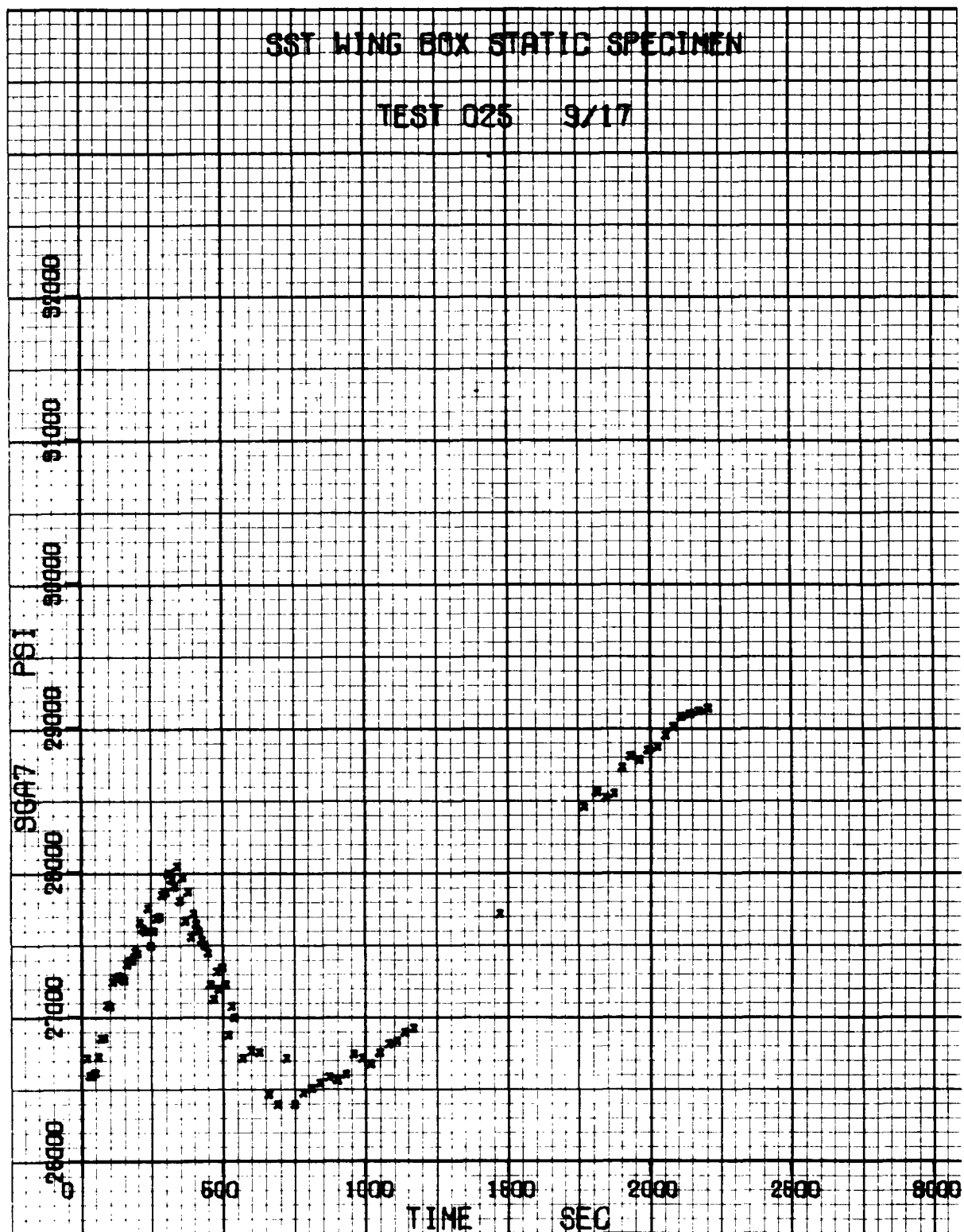
TEST 025 9/17





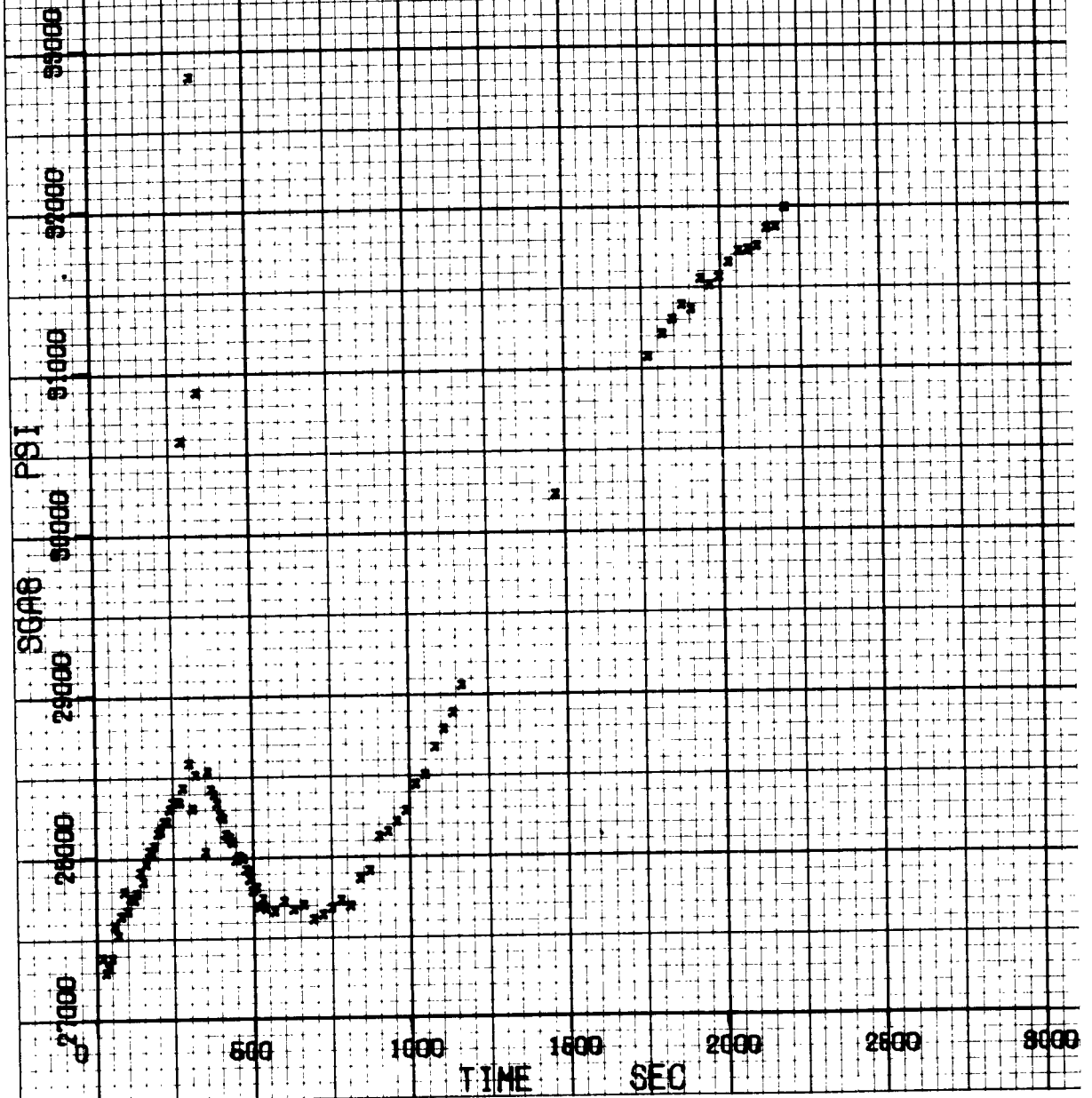






# SST WING BOX STATIC SPECIMEN

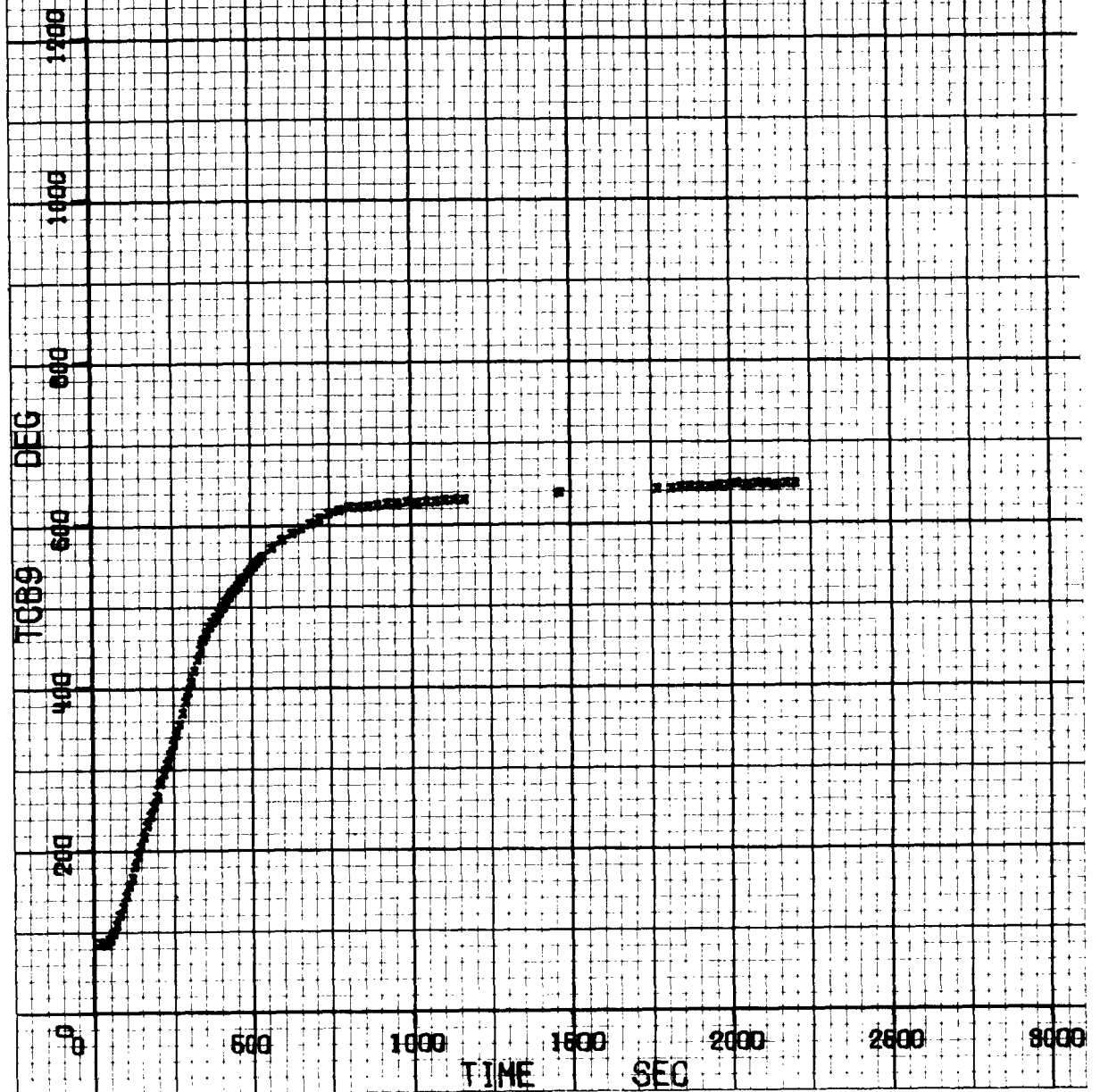
TEST 025 9/17





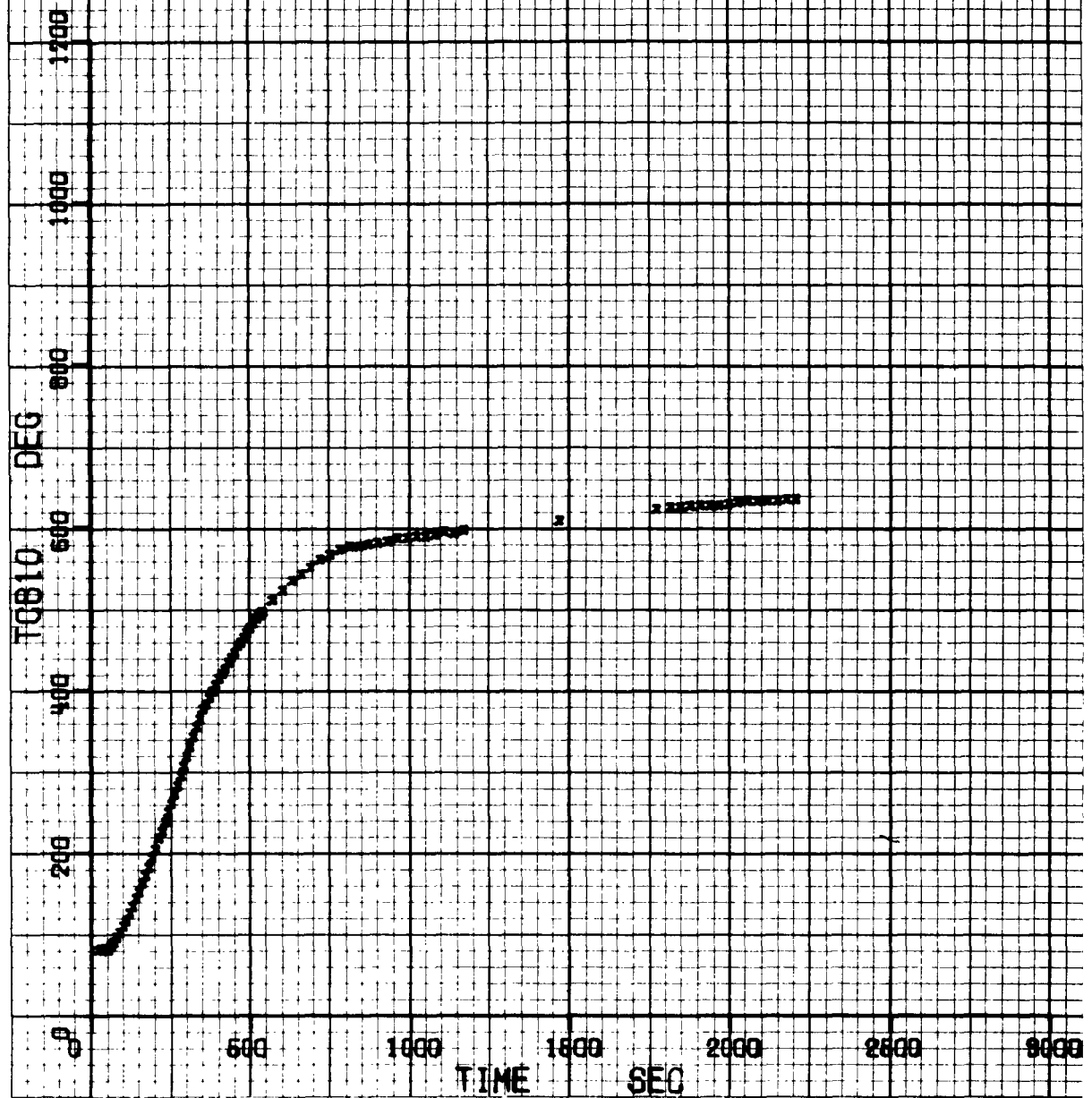
# SST WING BOX STATIC SPECIMEN

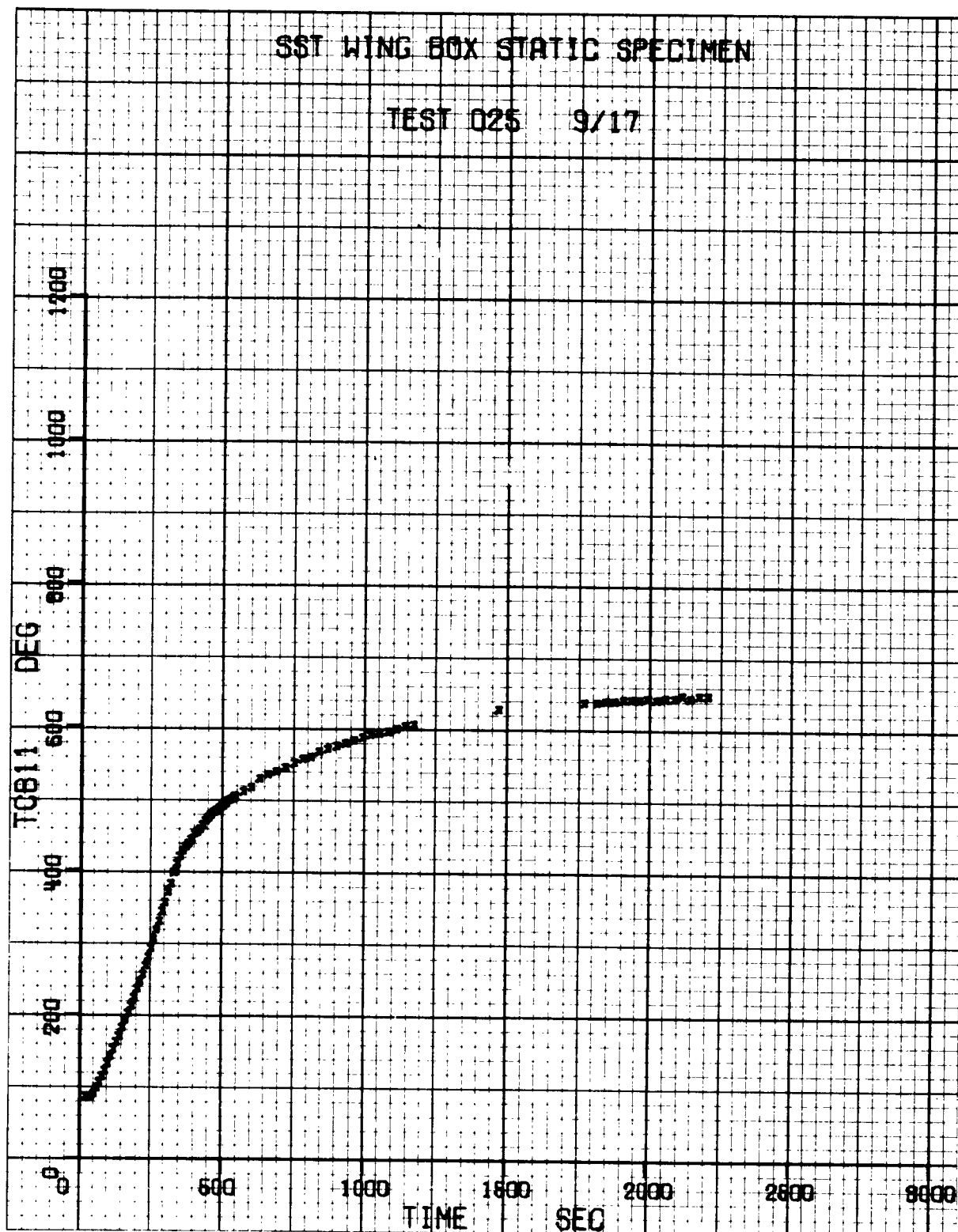
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

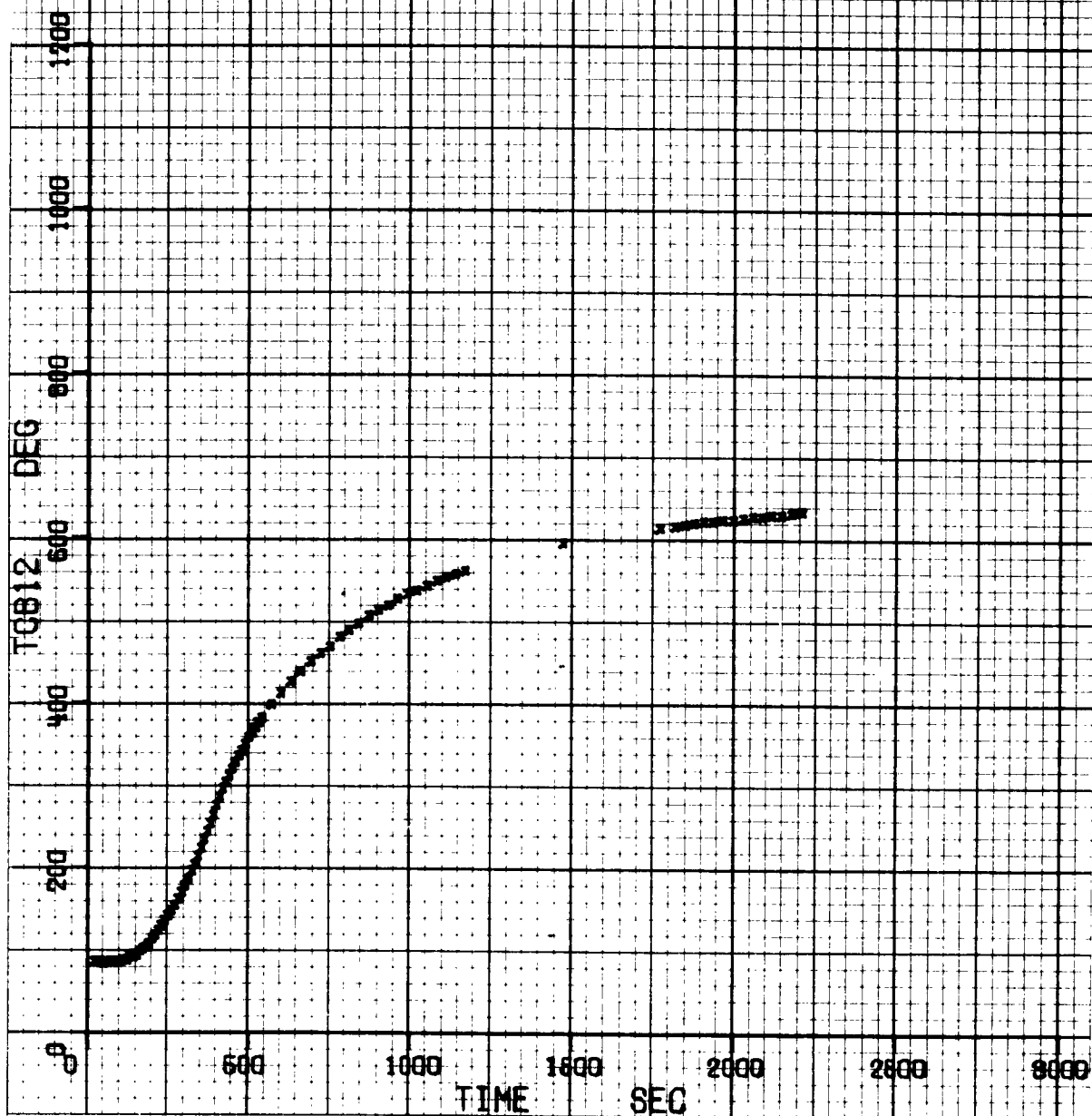
TEST 025 9/17





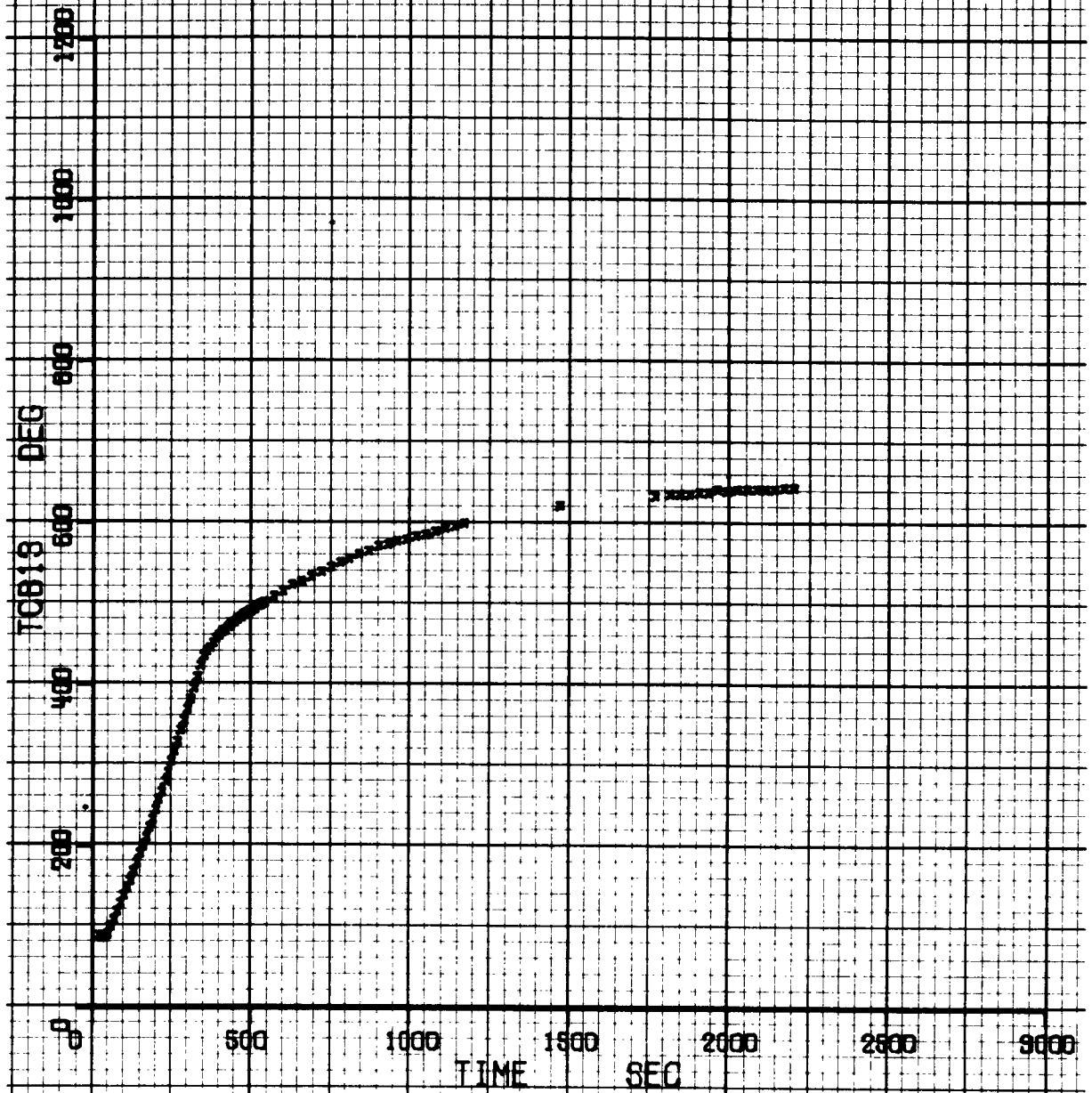
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



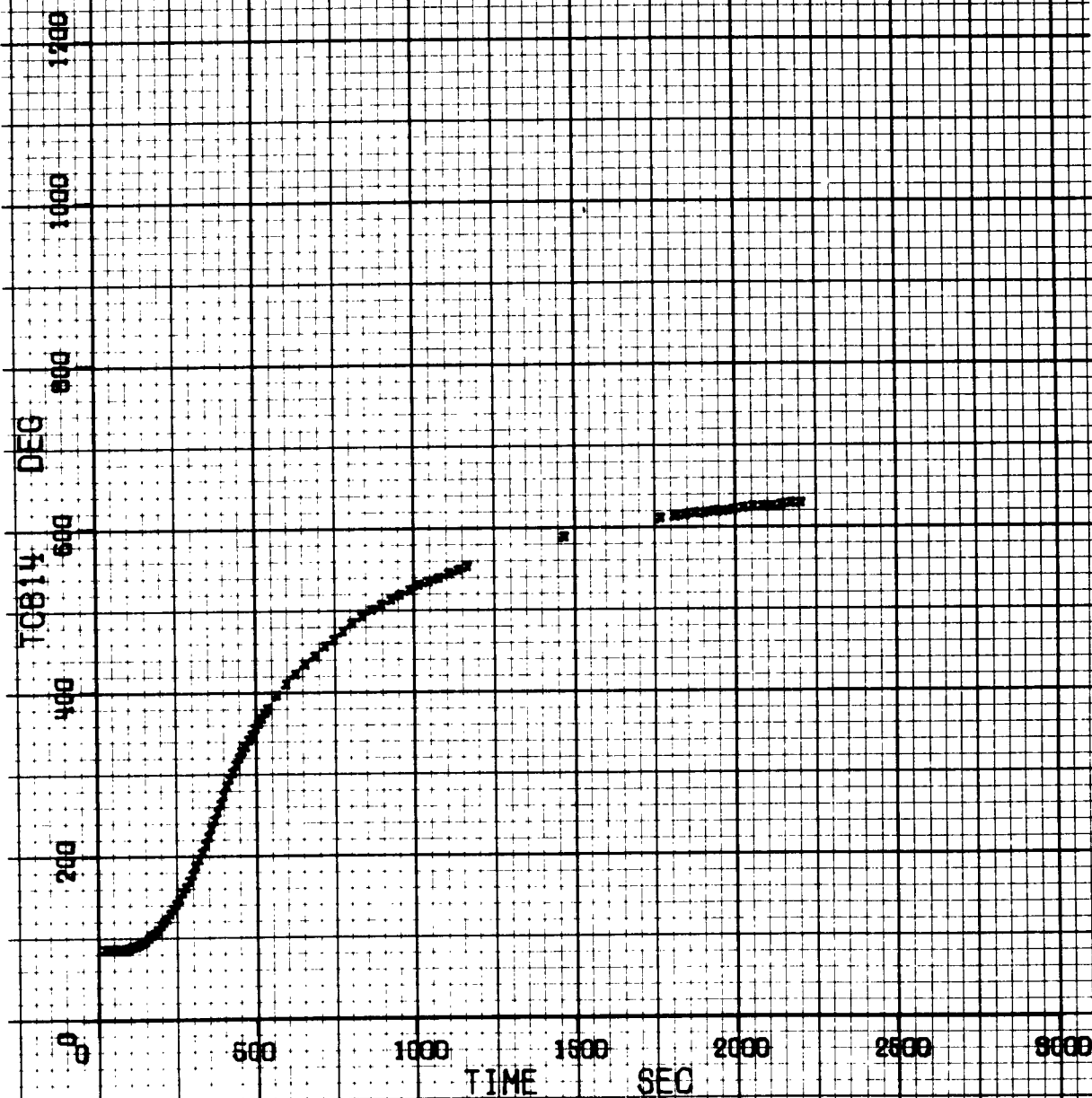
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



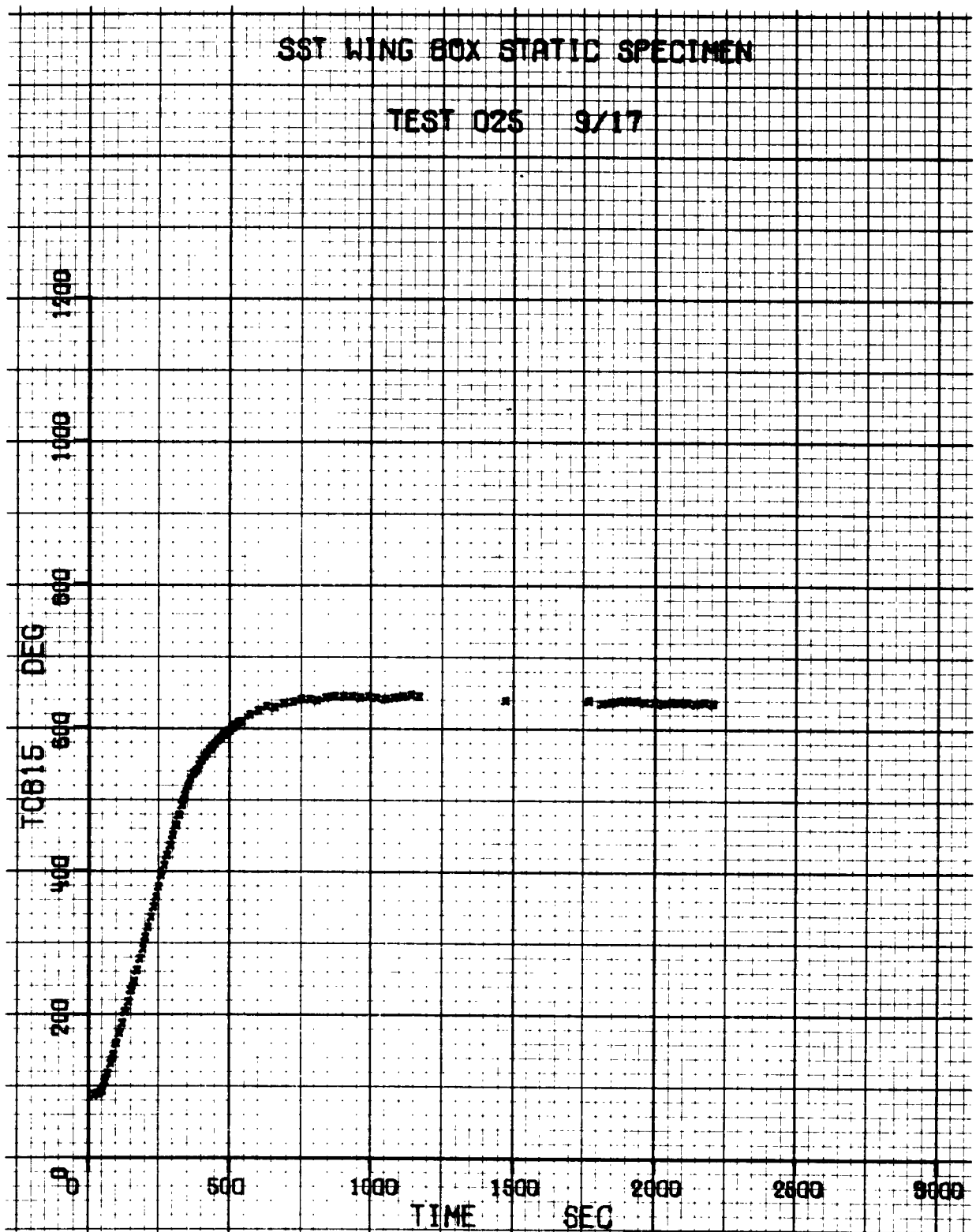
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



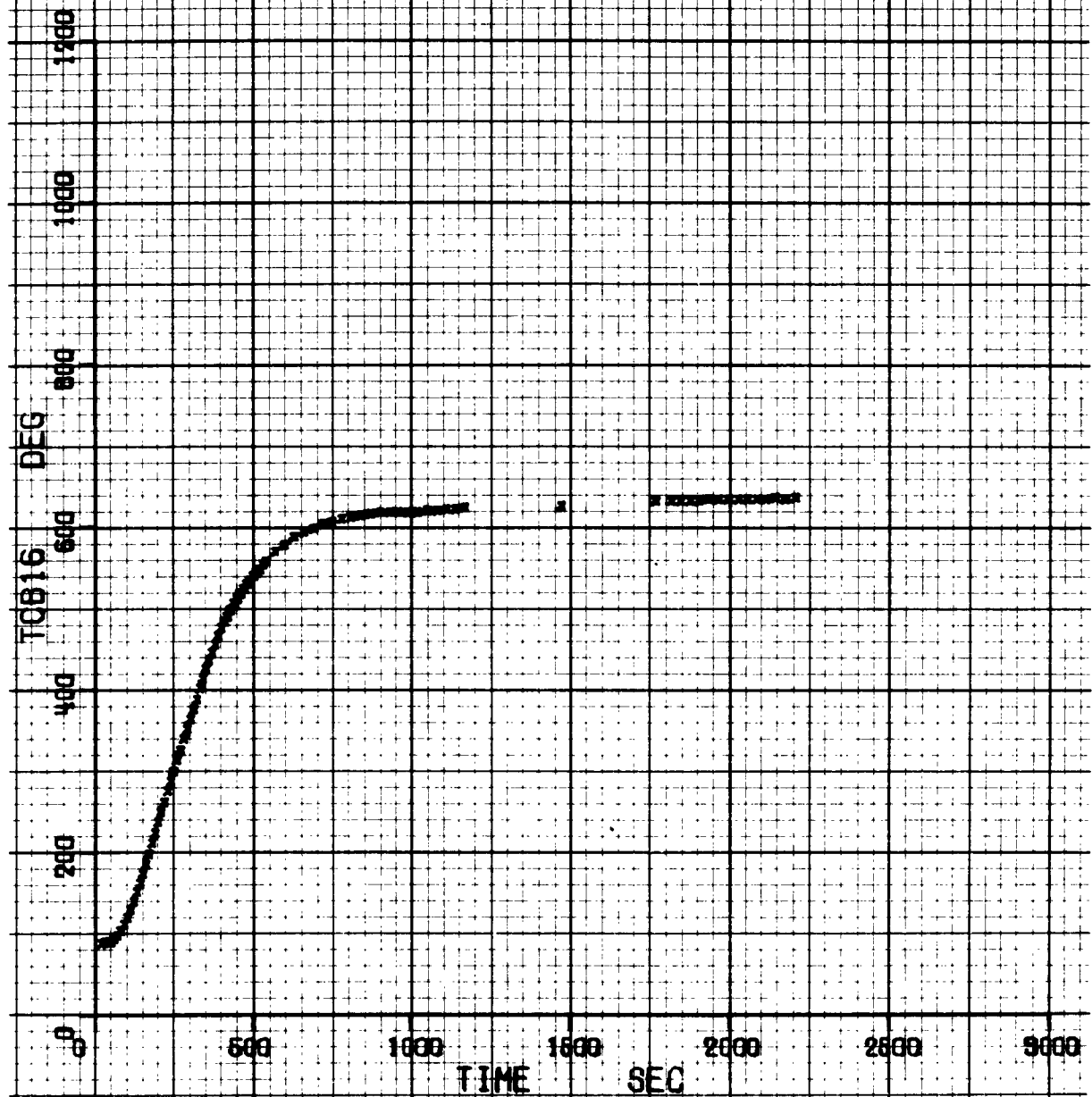
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

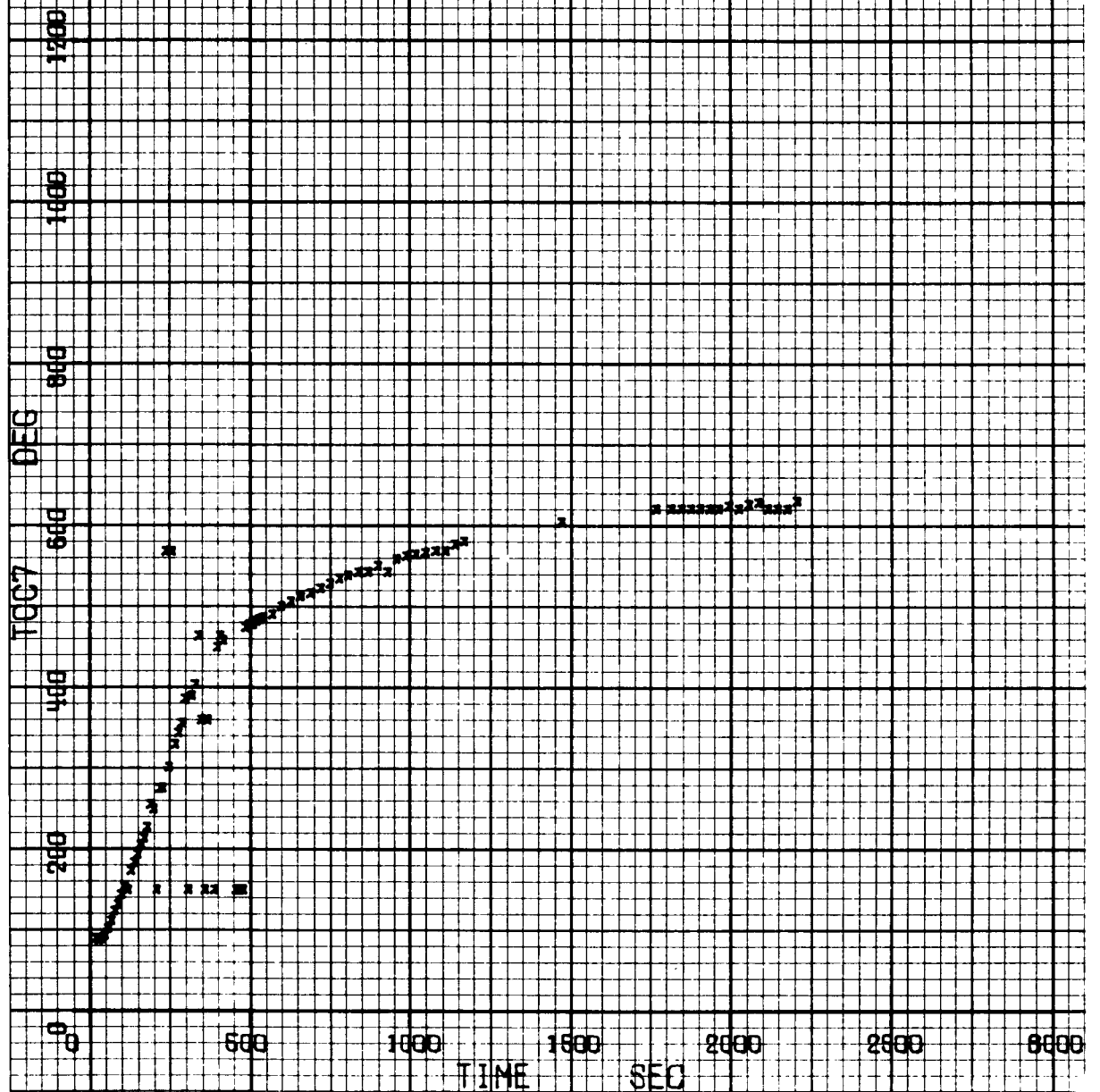
TEST 025 9/17

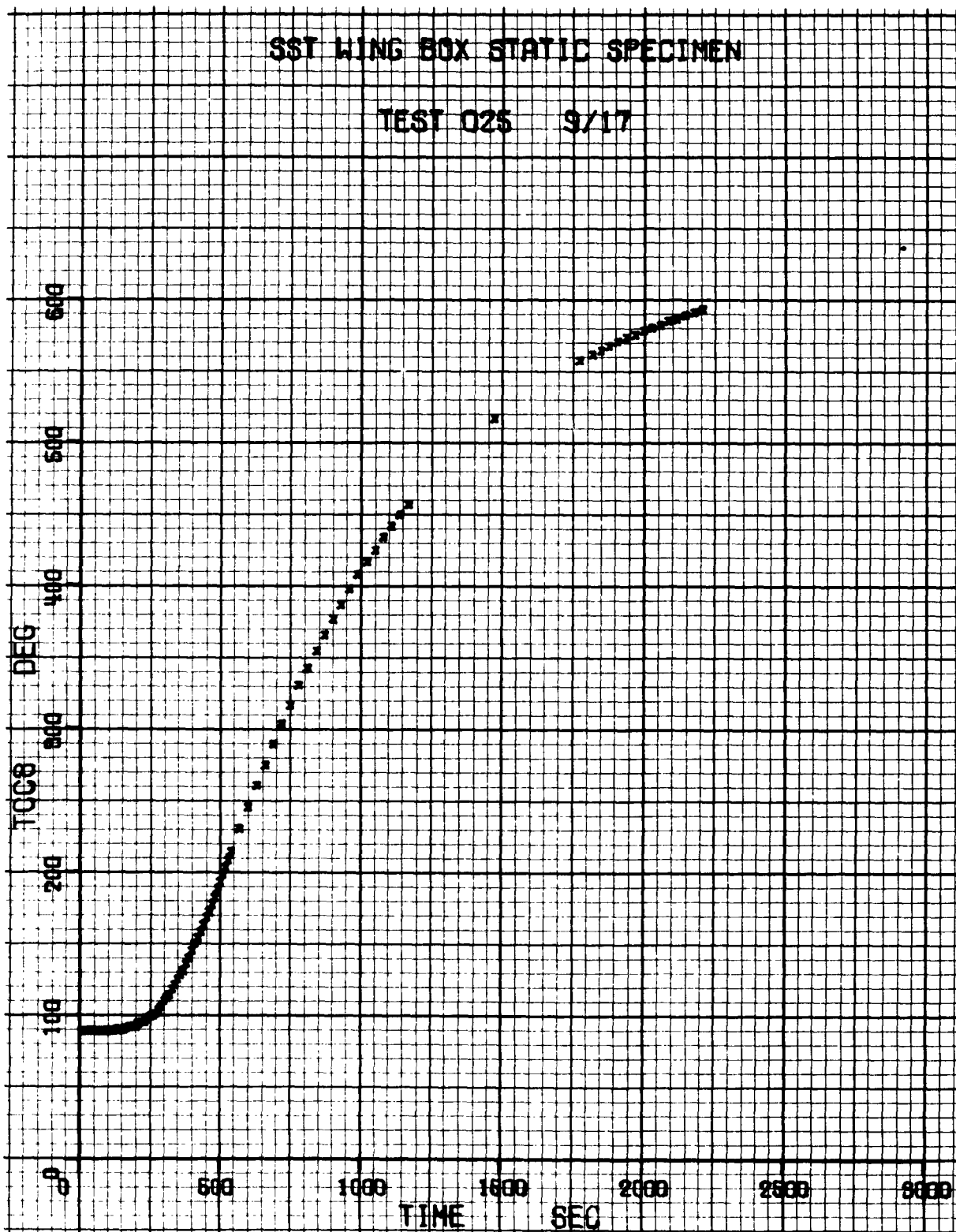




# SST WING BOX STATIC SPECIMEN

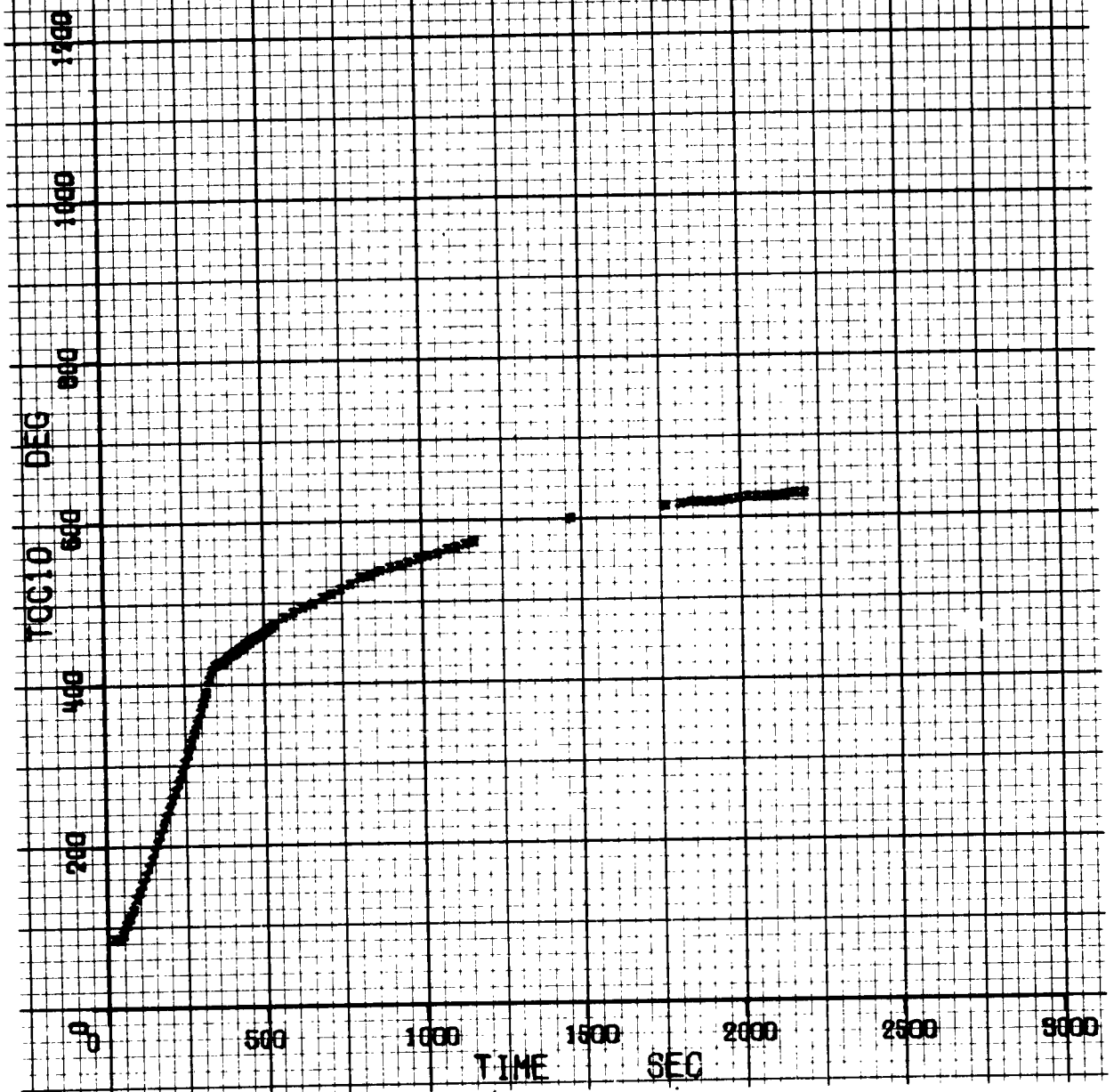
TEST 025 9/17





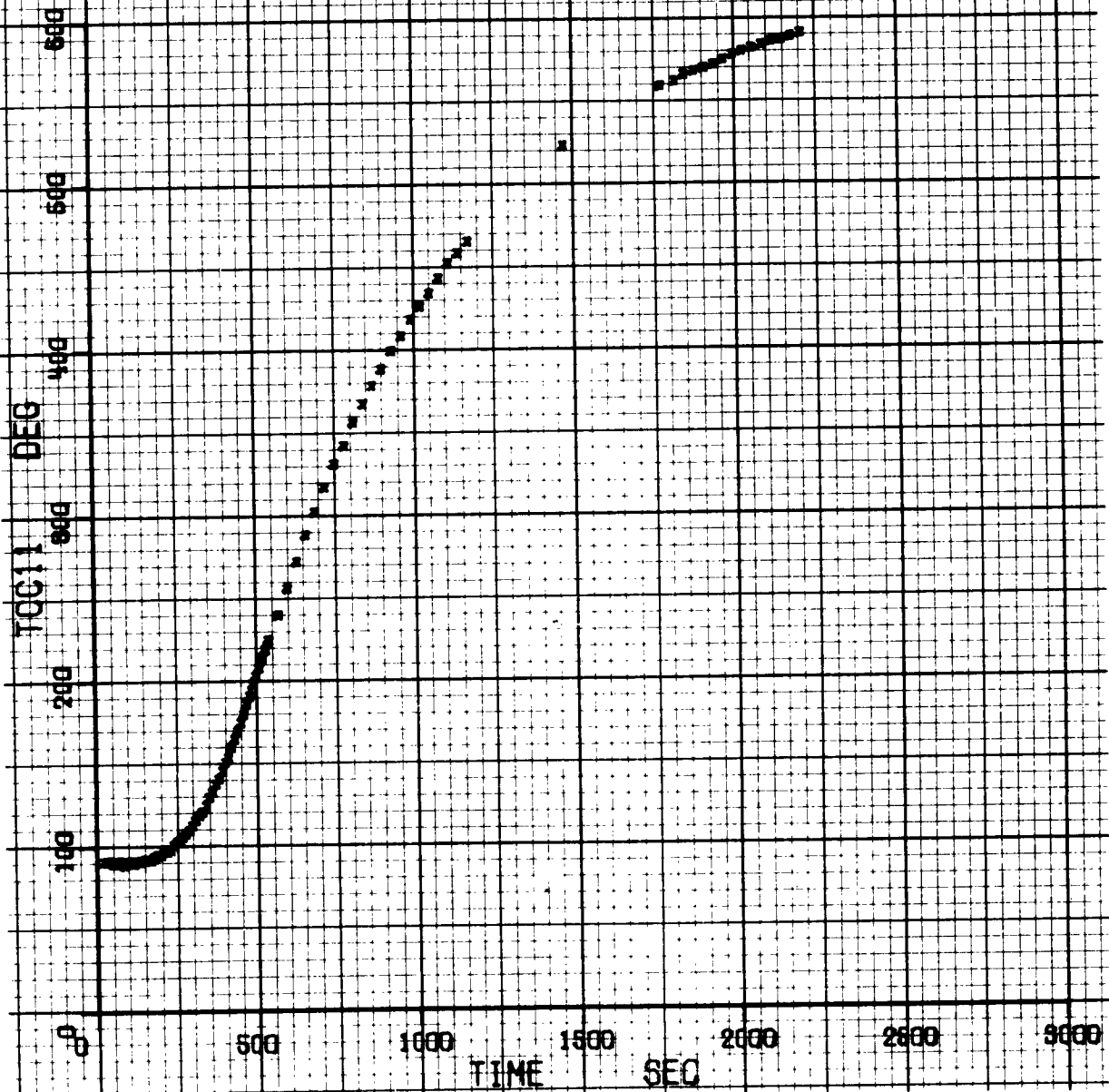
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



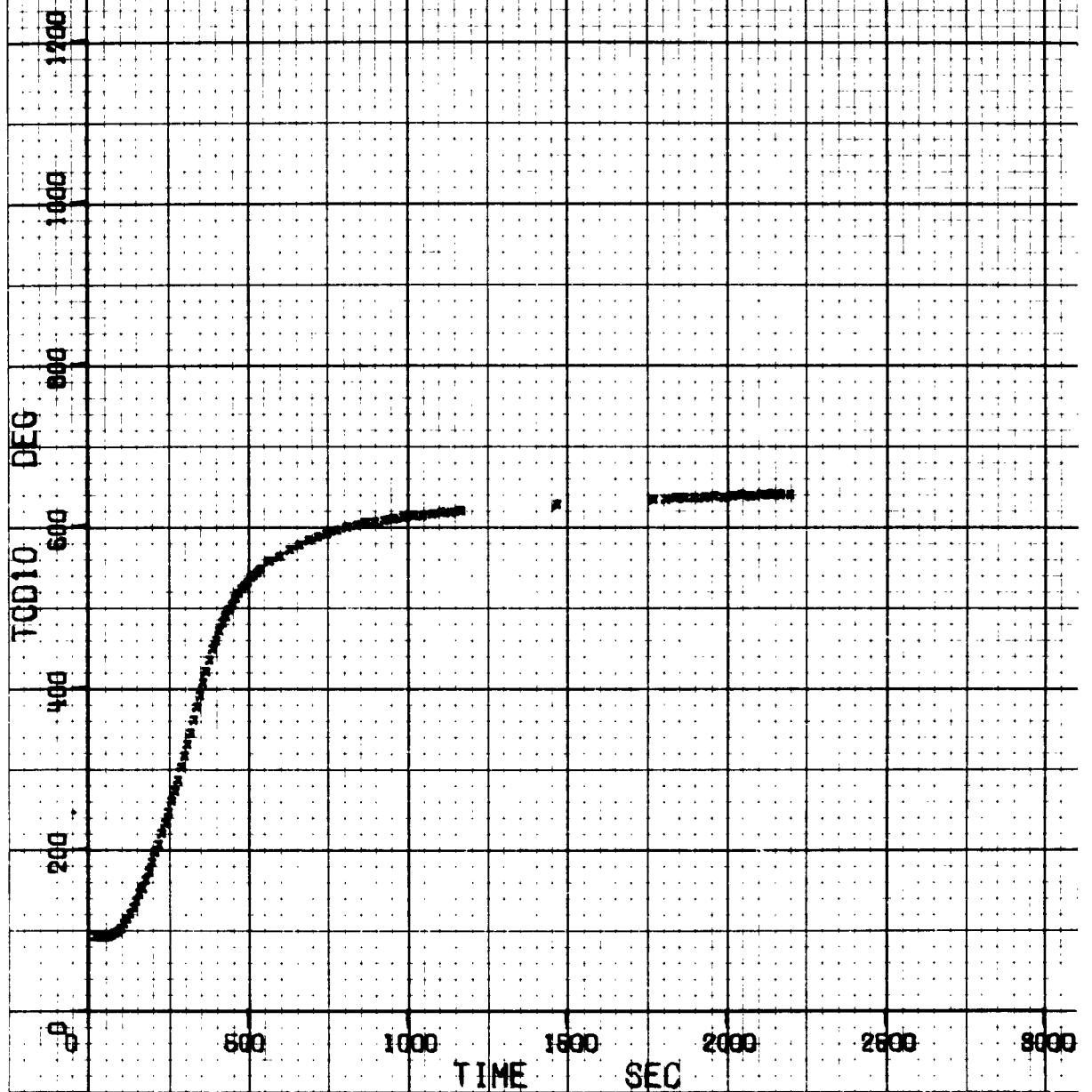
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



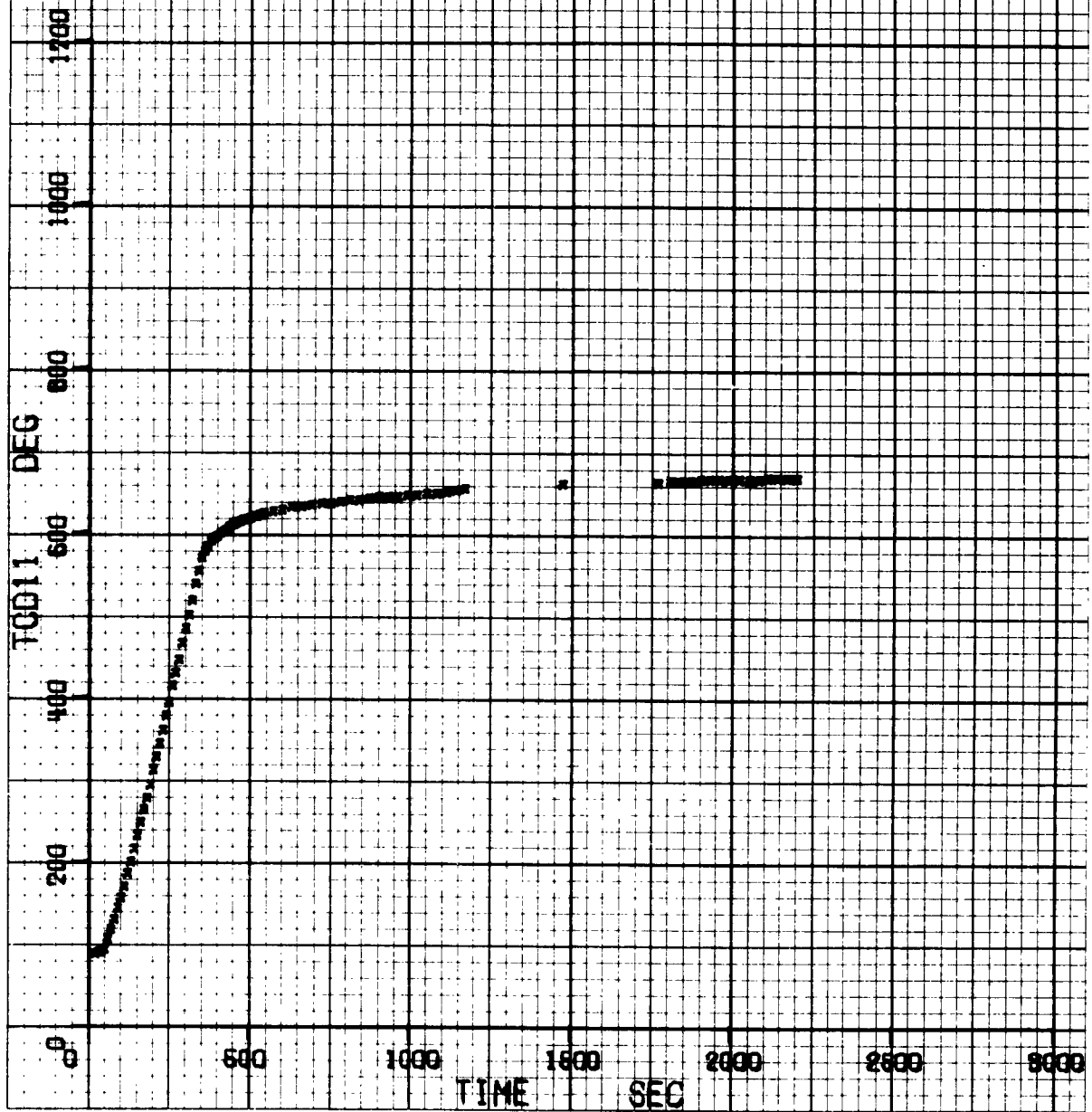
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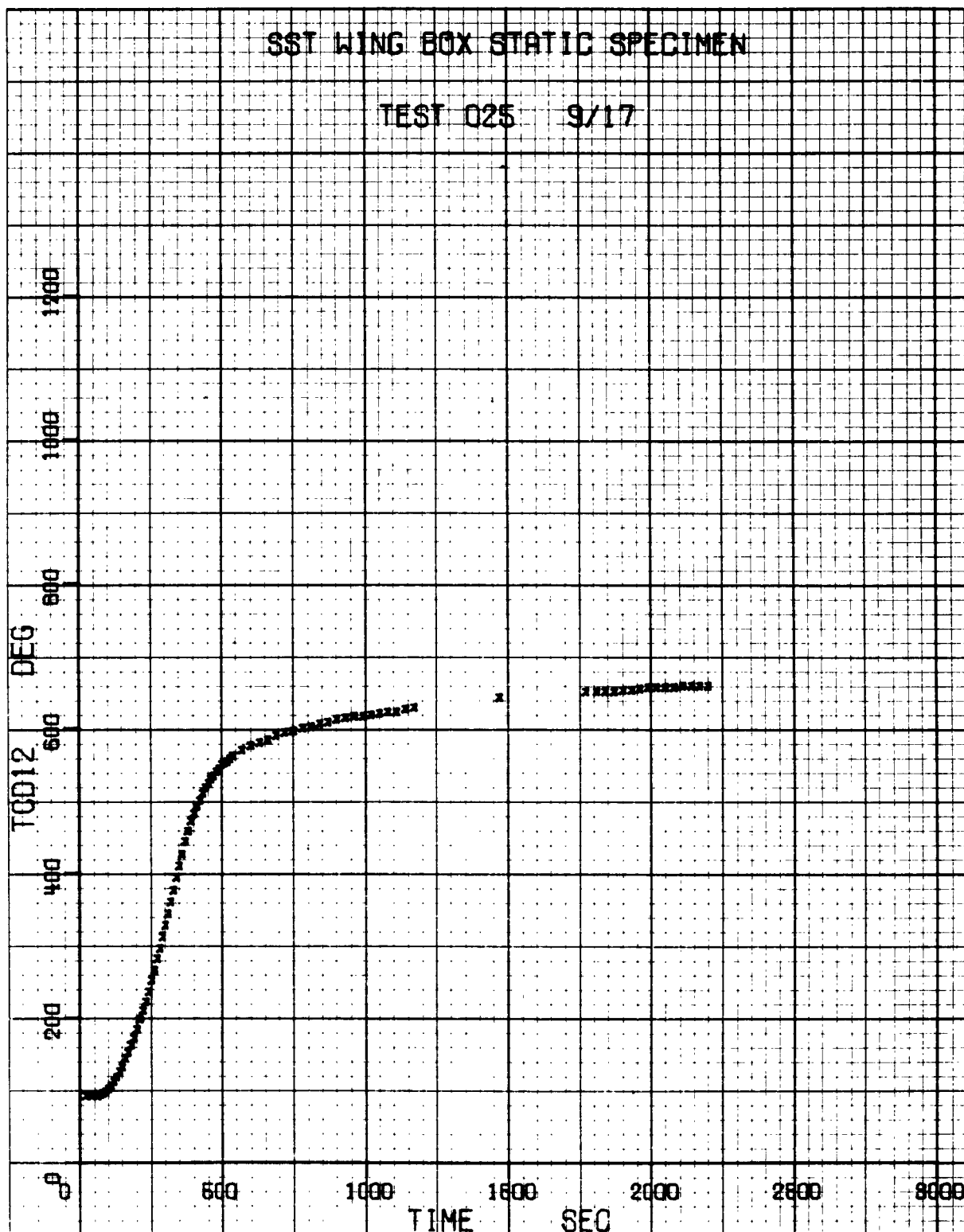
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

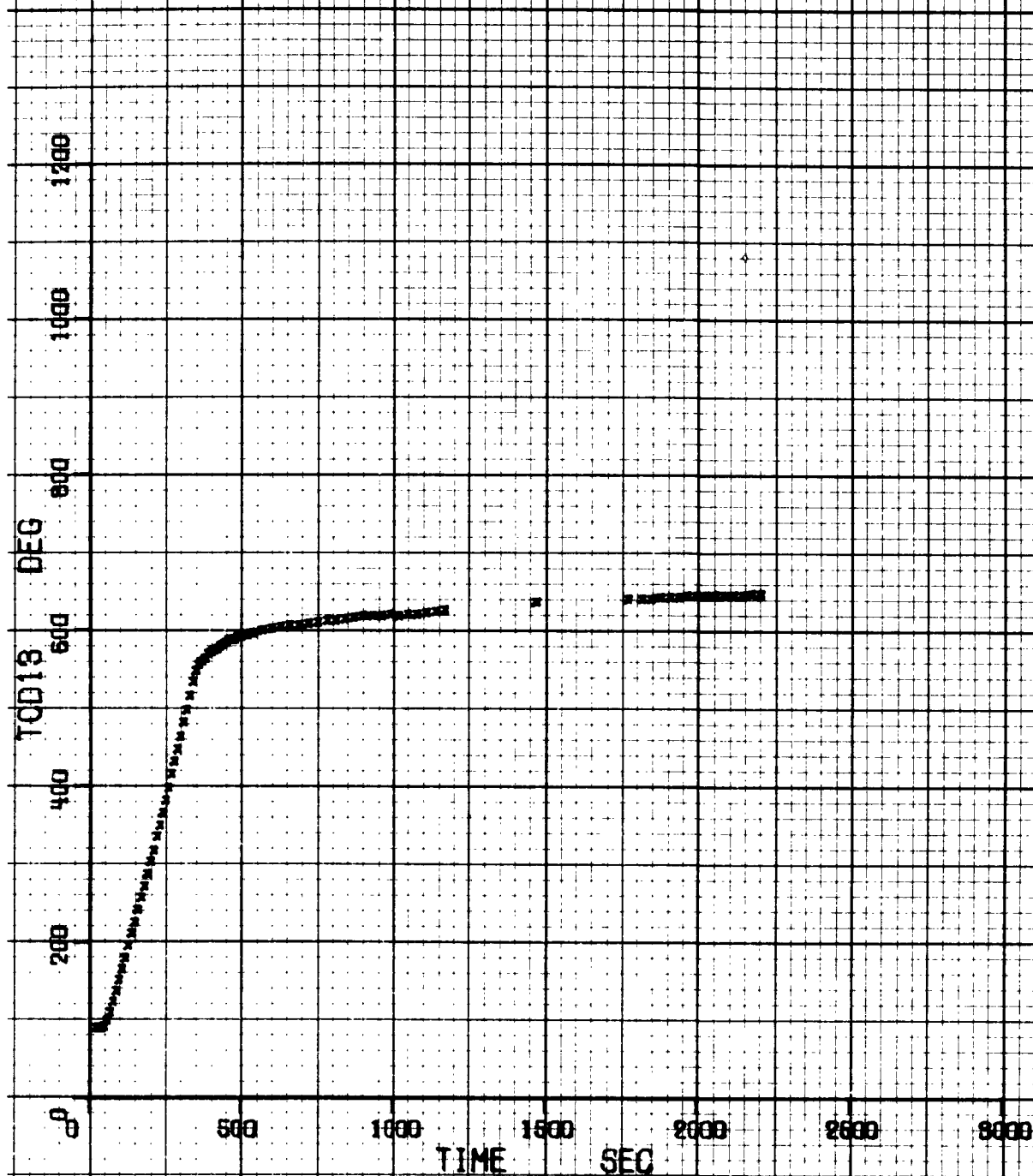
TEST 025 9/17





# SST WING BOX STATIC SPECIMEN

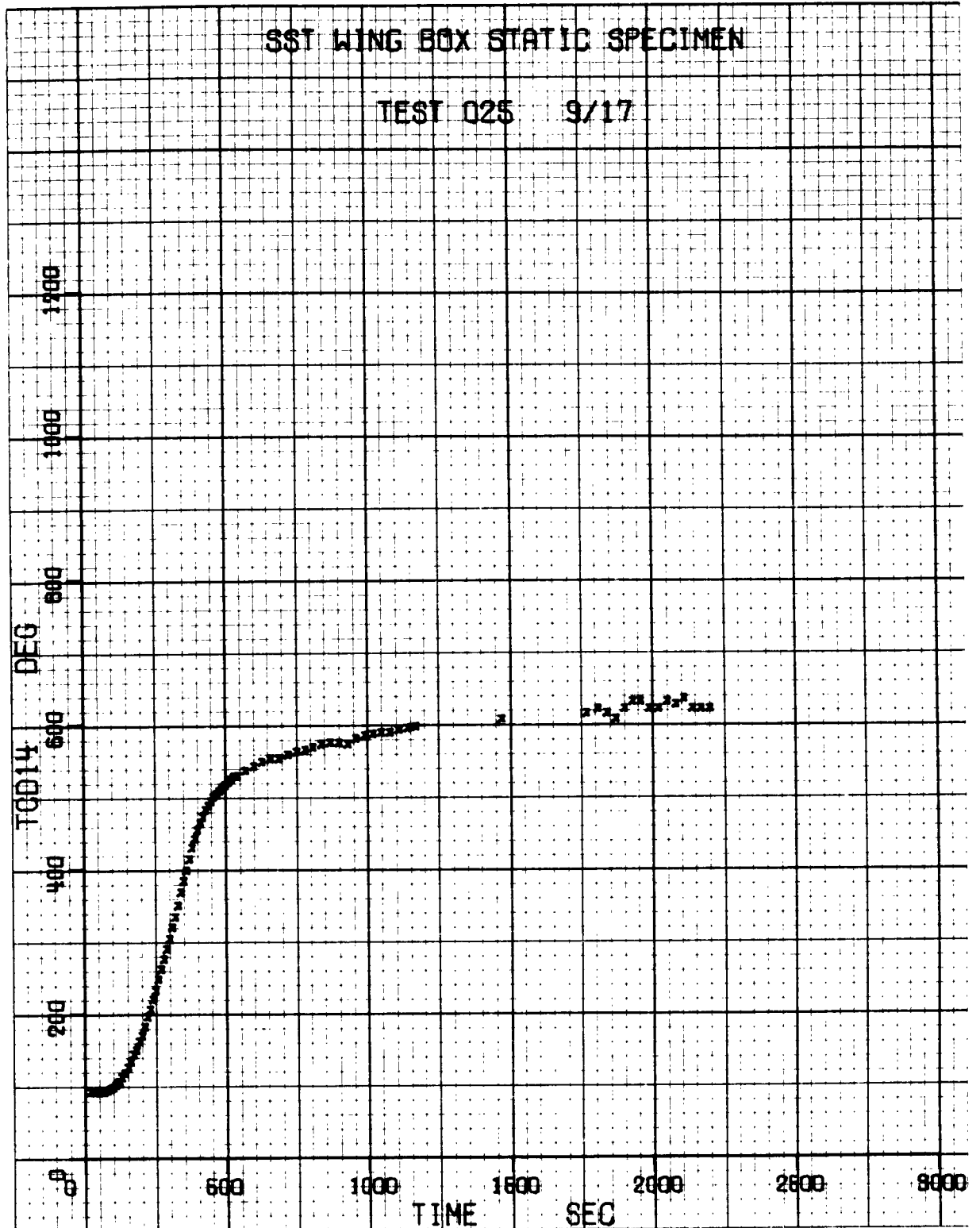
TEST 025 9/17





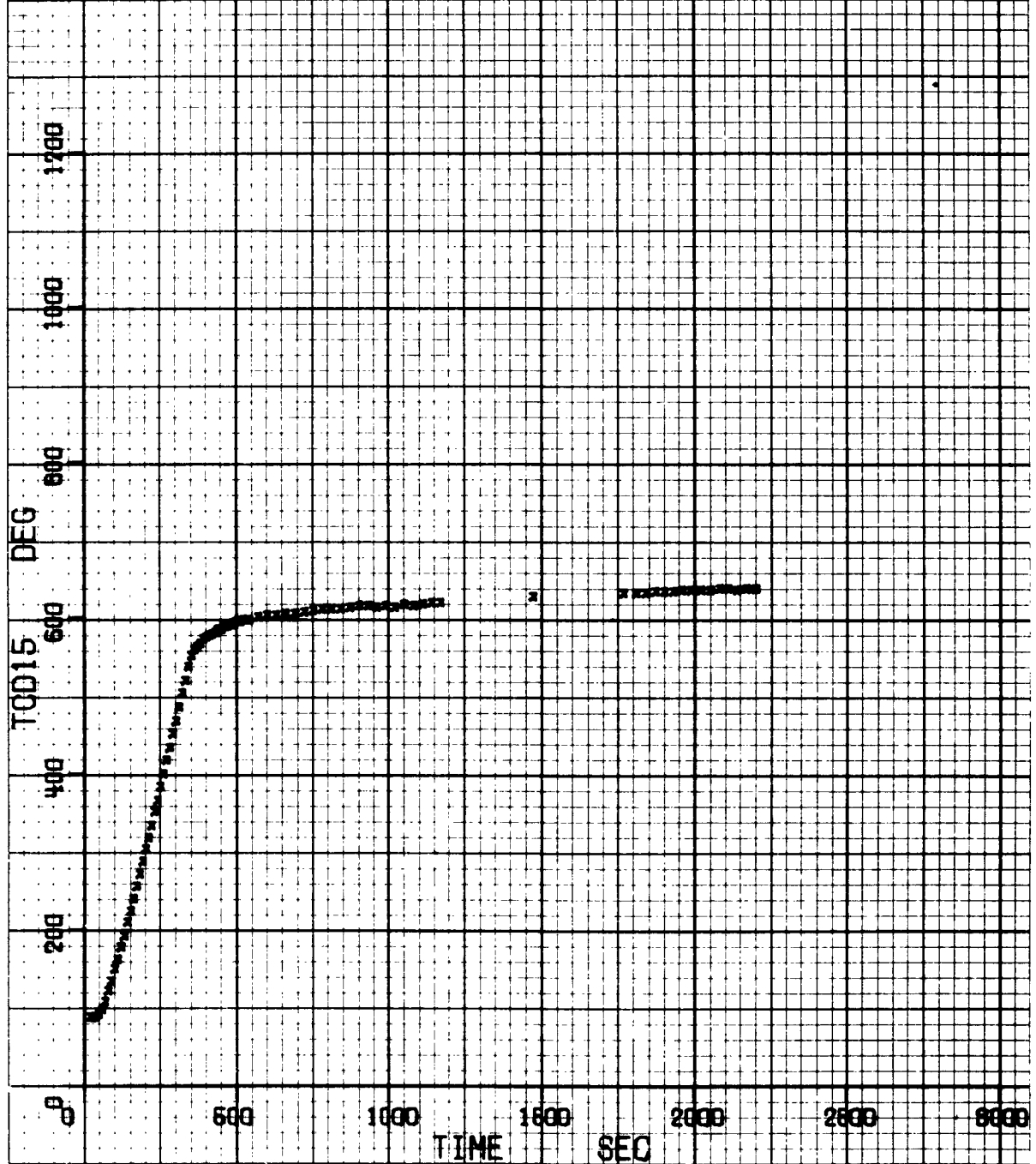
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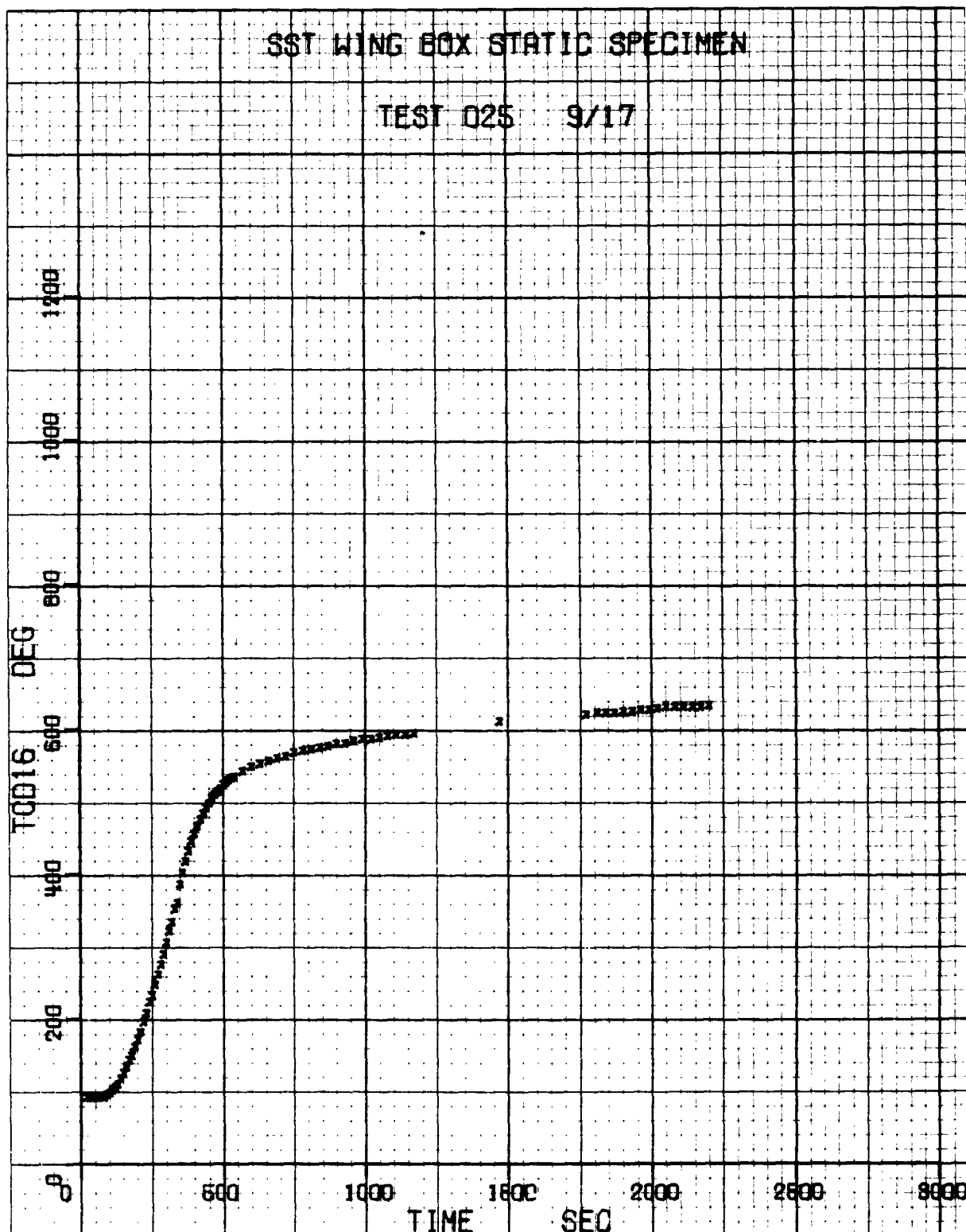
TEST 025 9/17

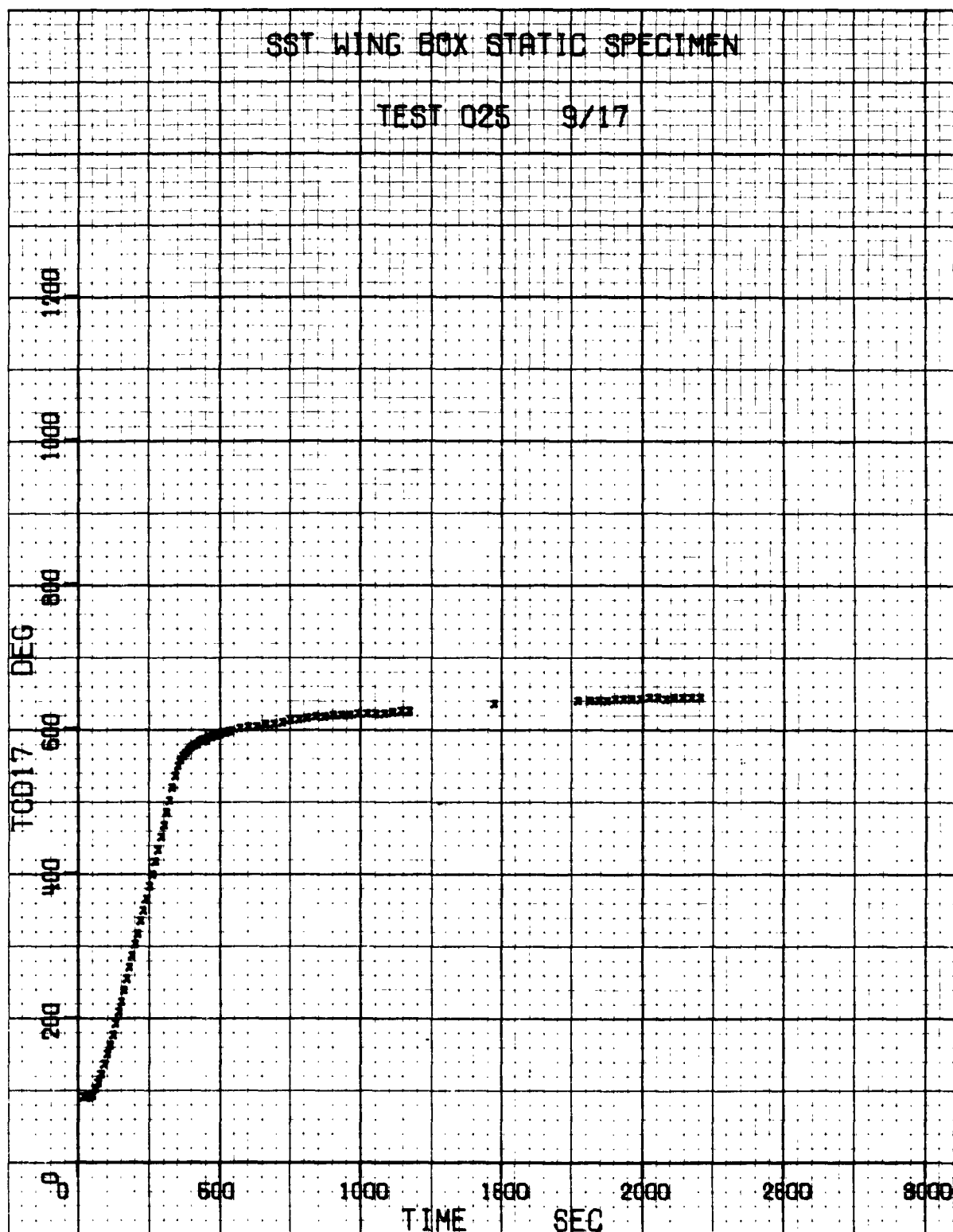


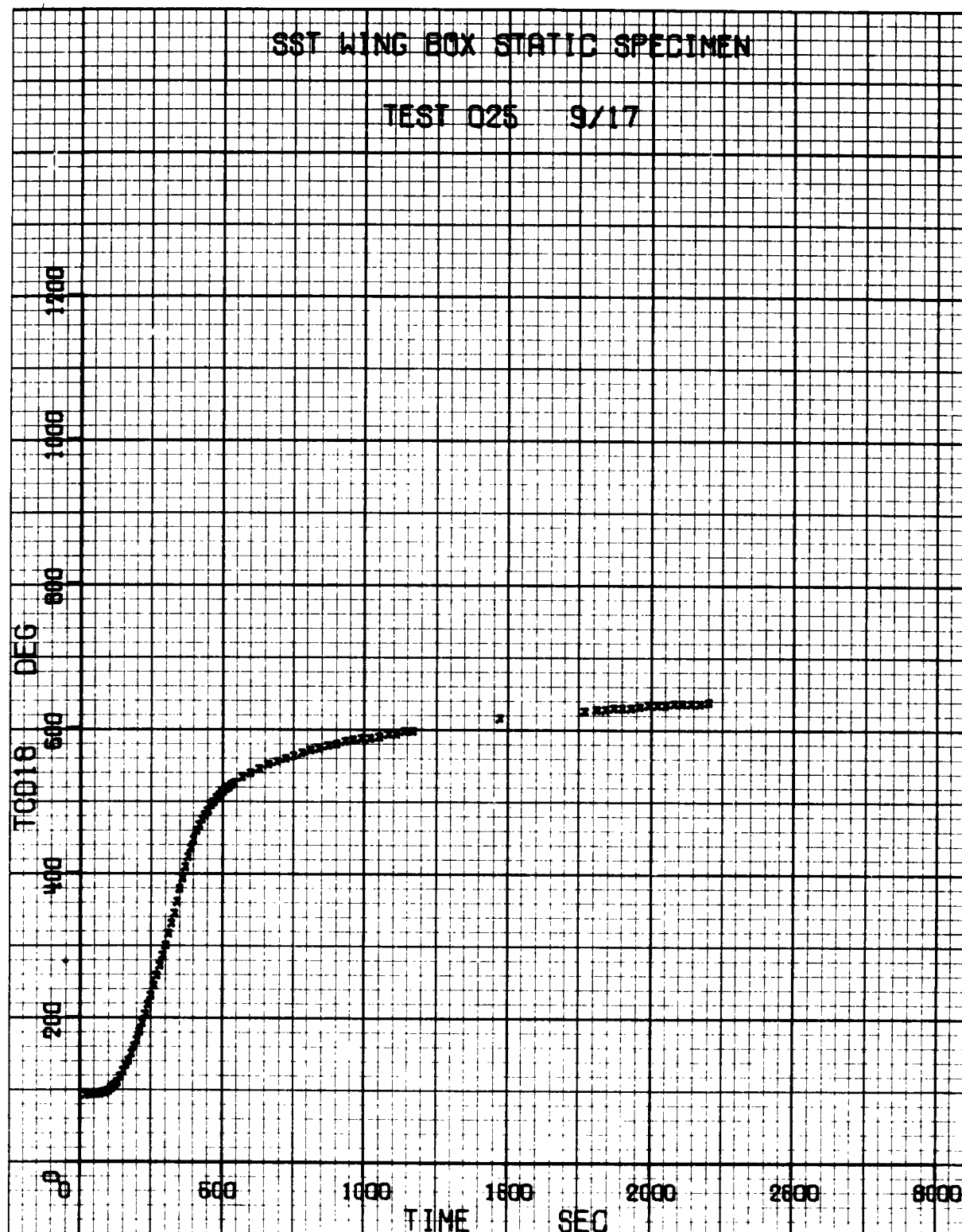
# SST WING BOX STATIC SPECIMEN

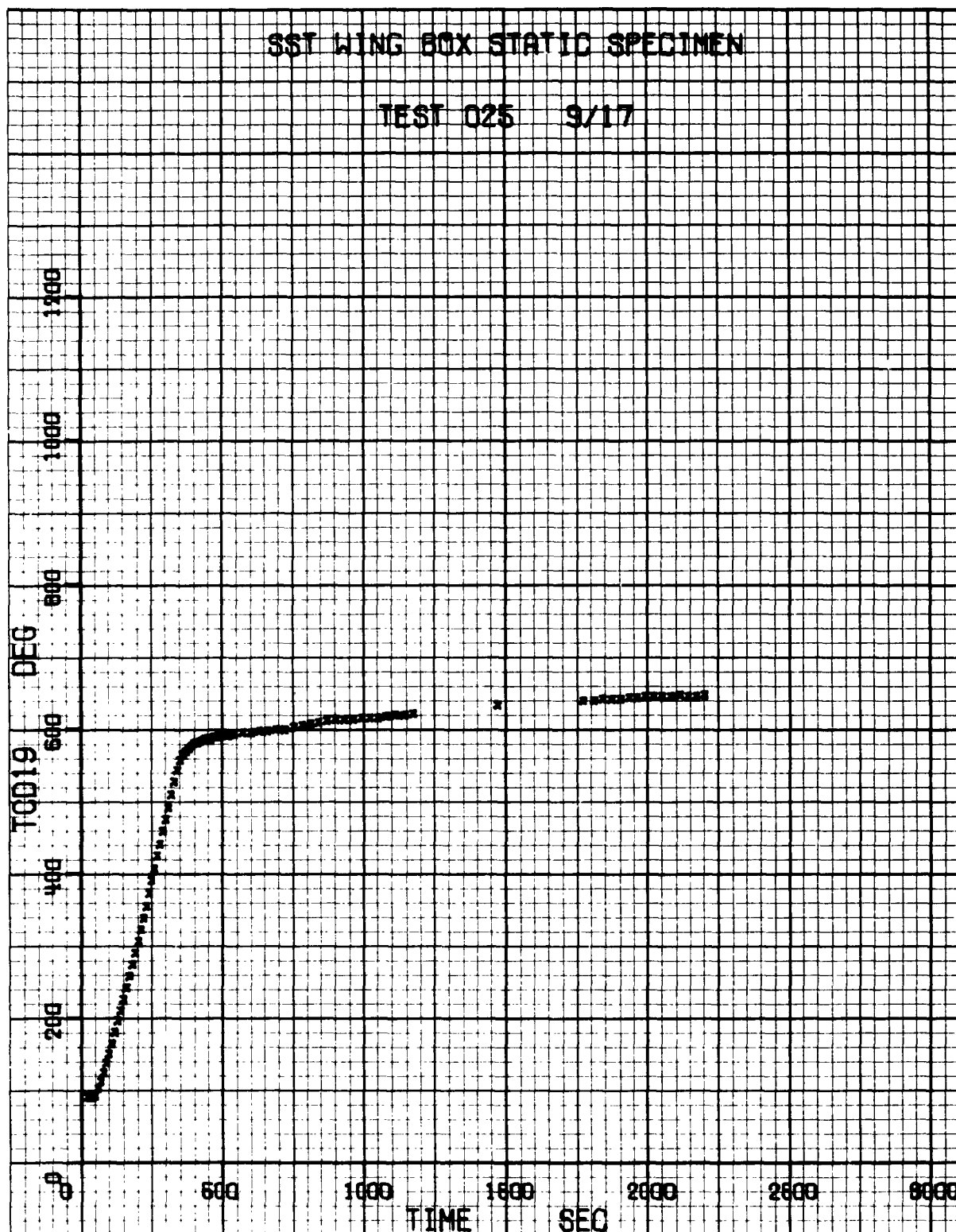
TEST 025 9/17





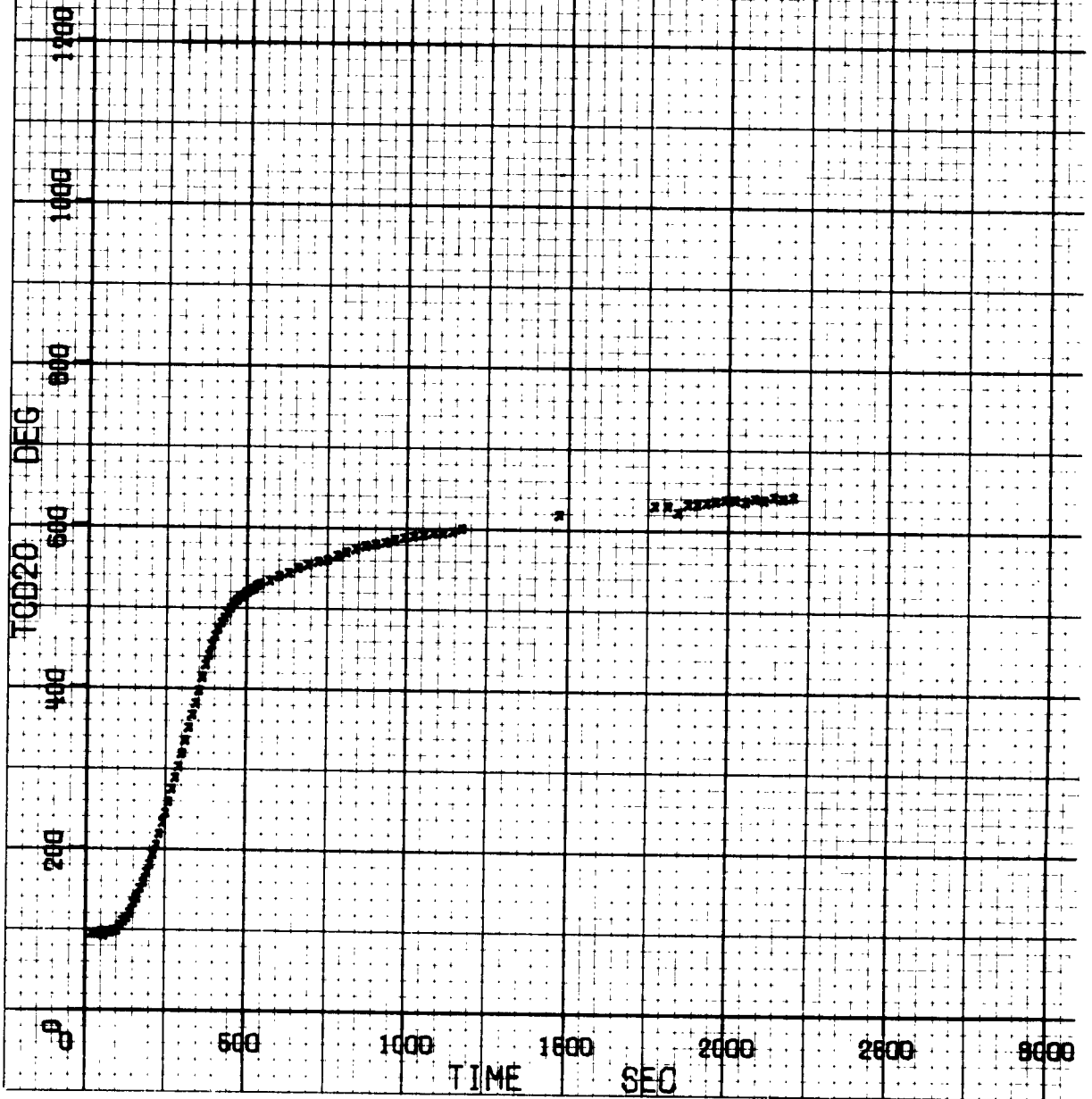


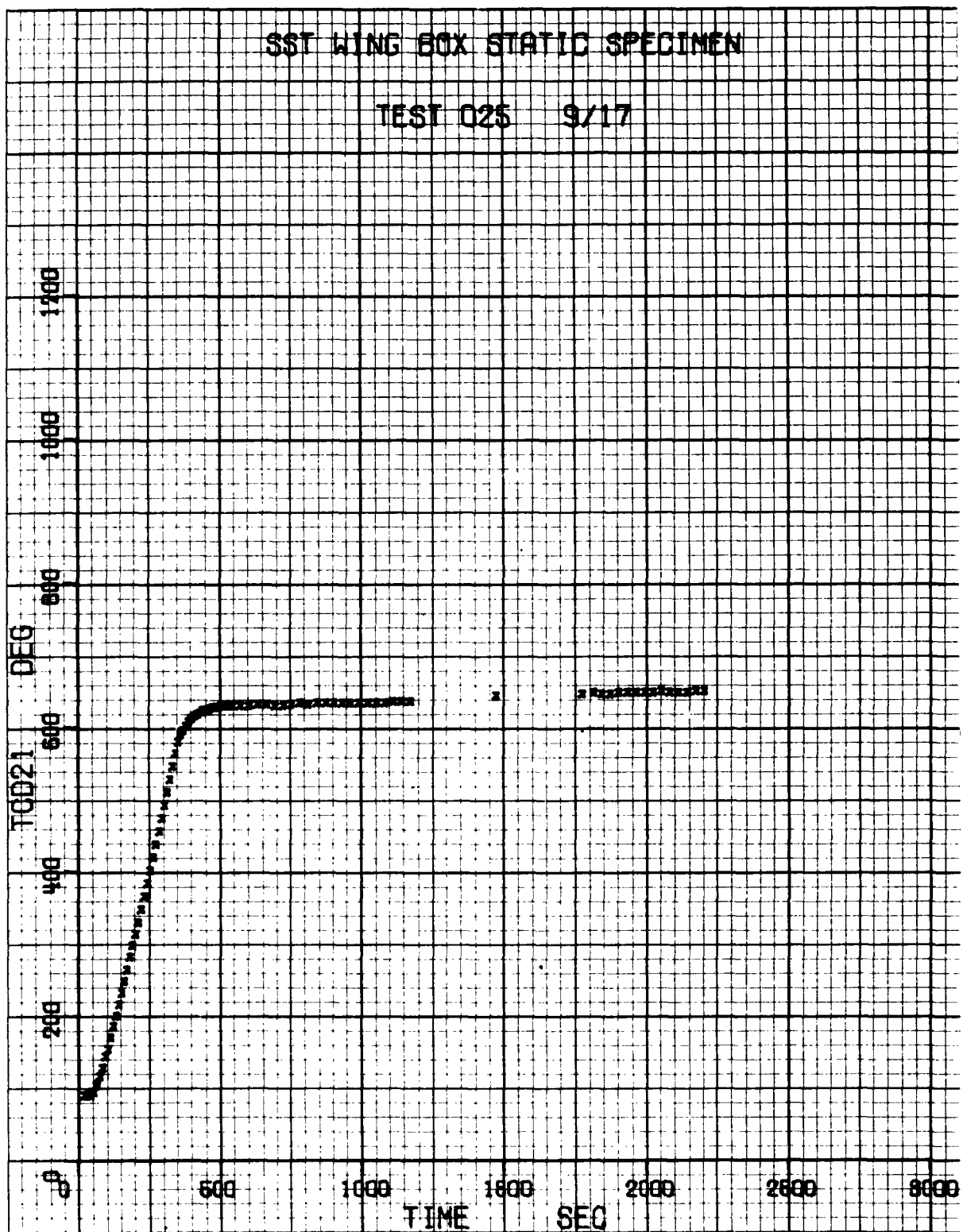




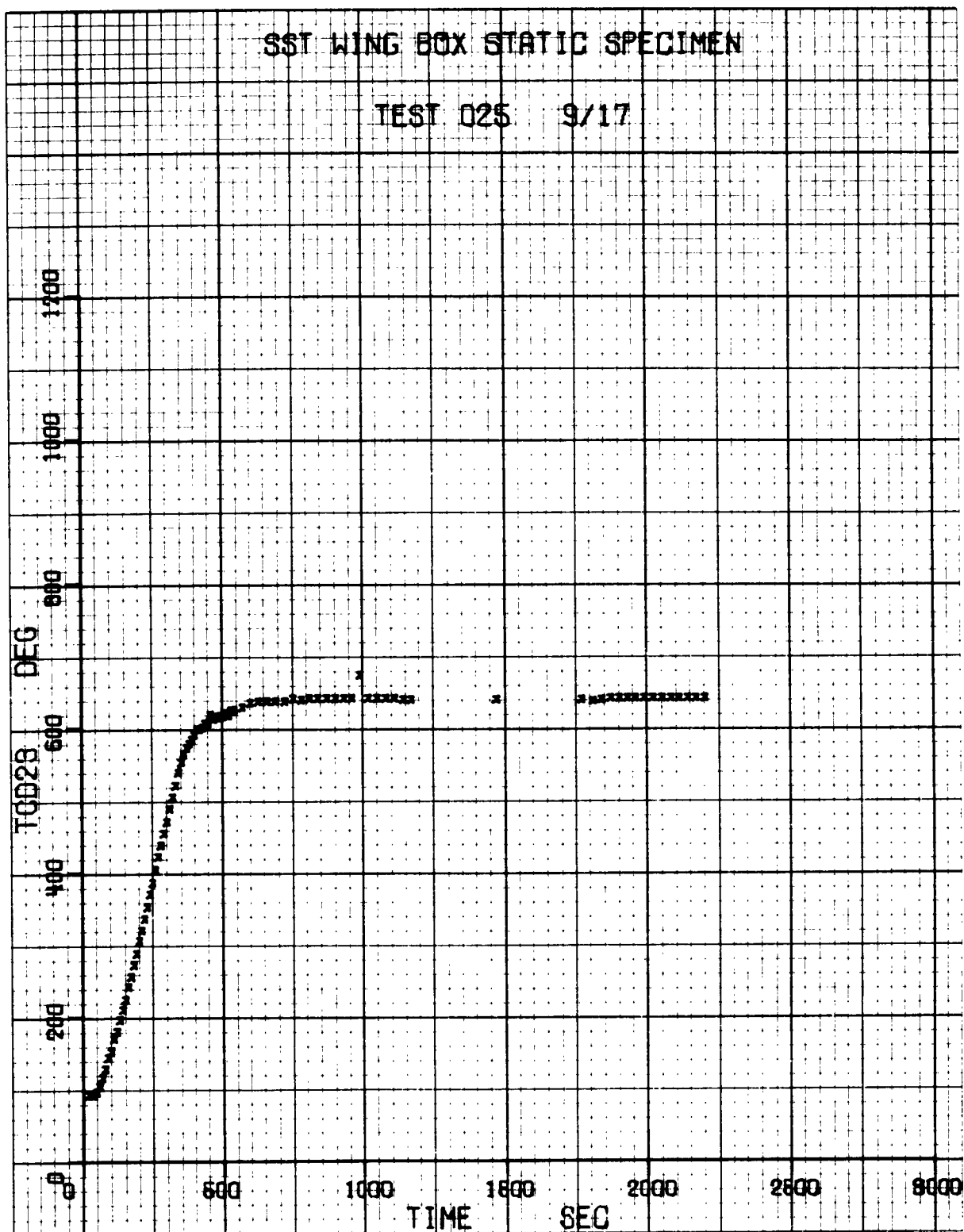
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



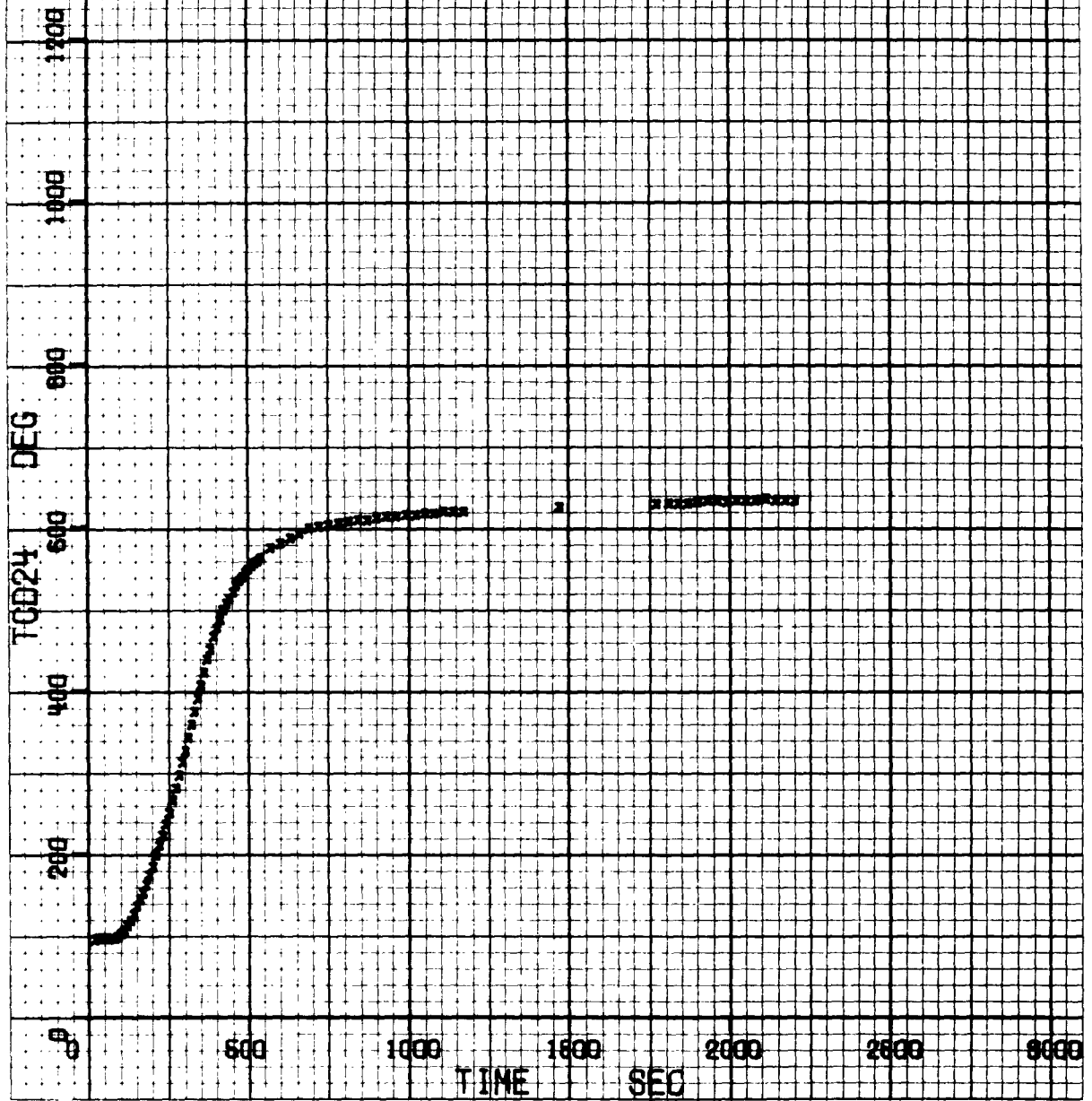






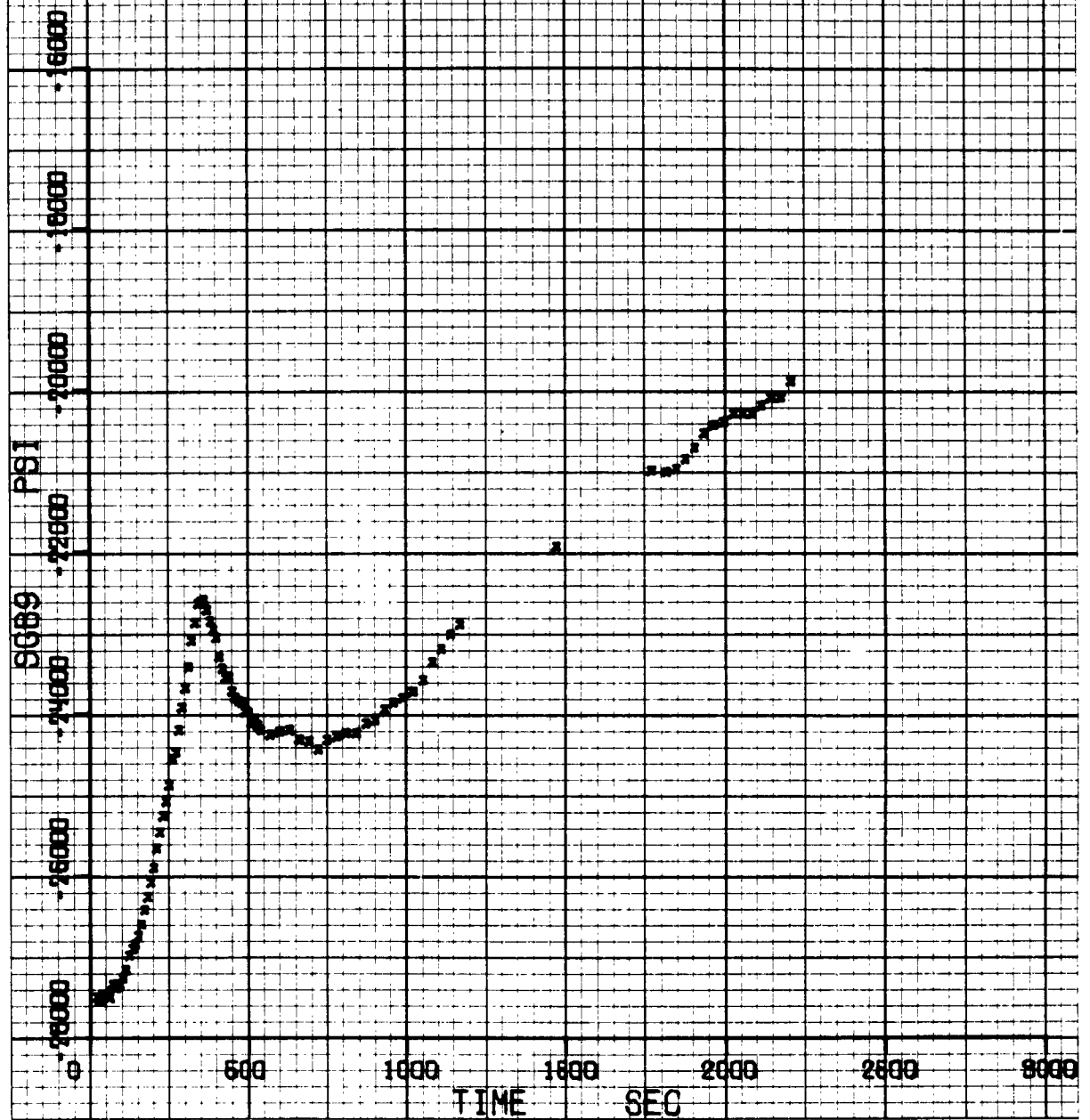
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



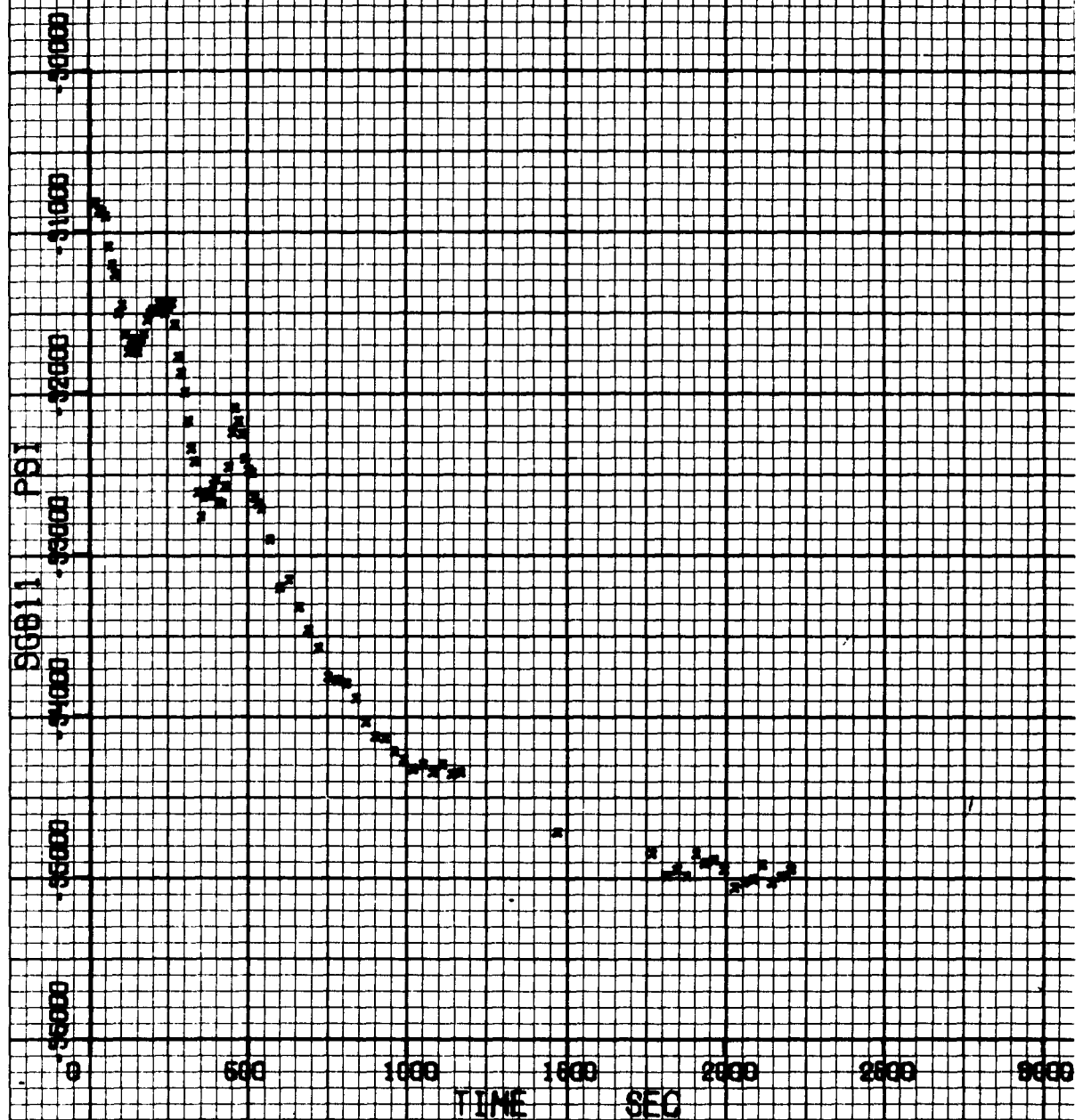
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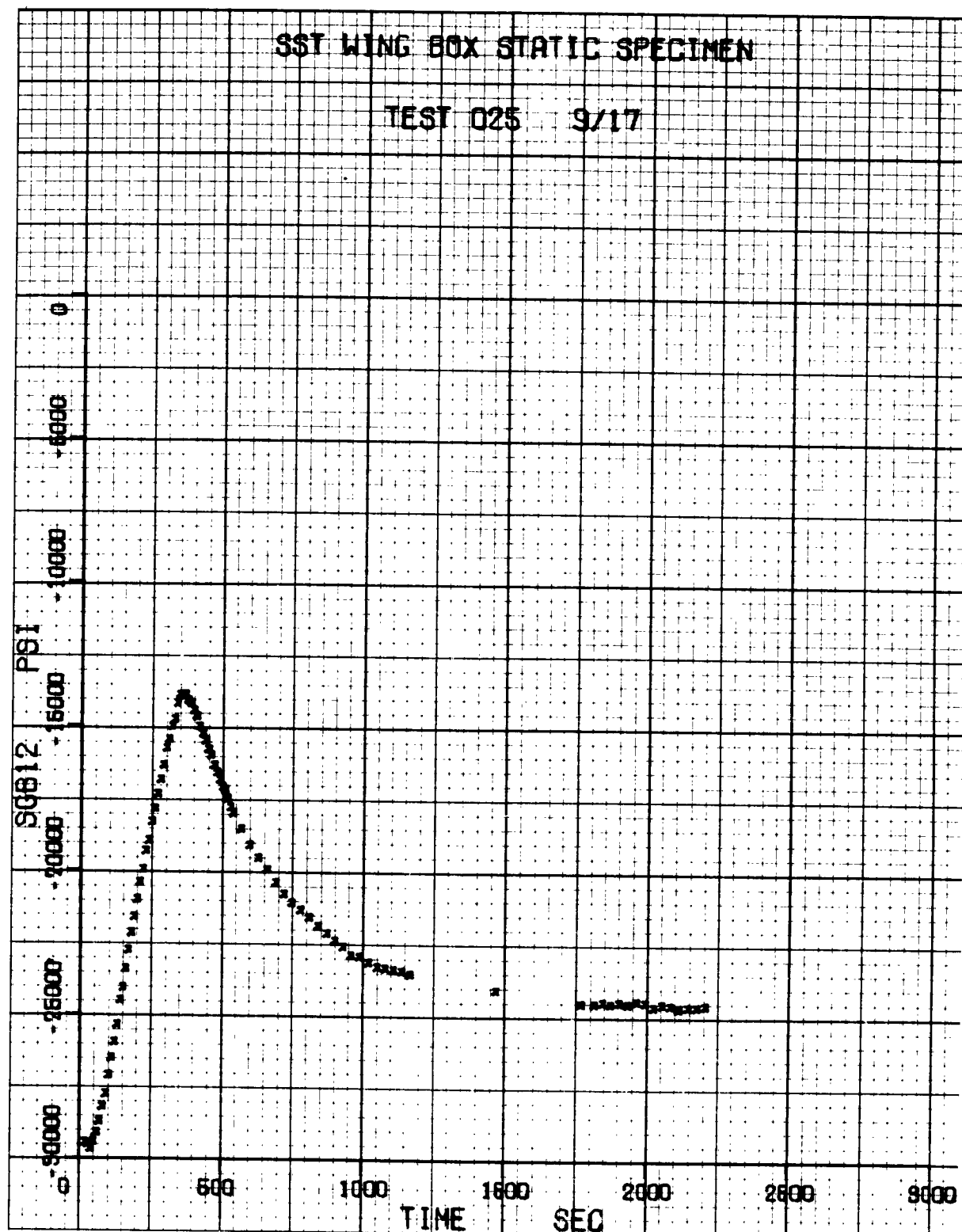
TEST 025 9/17

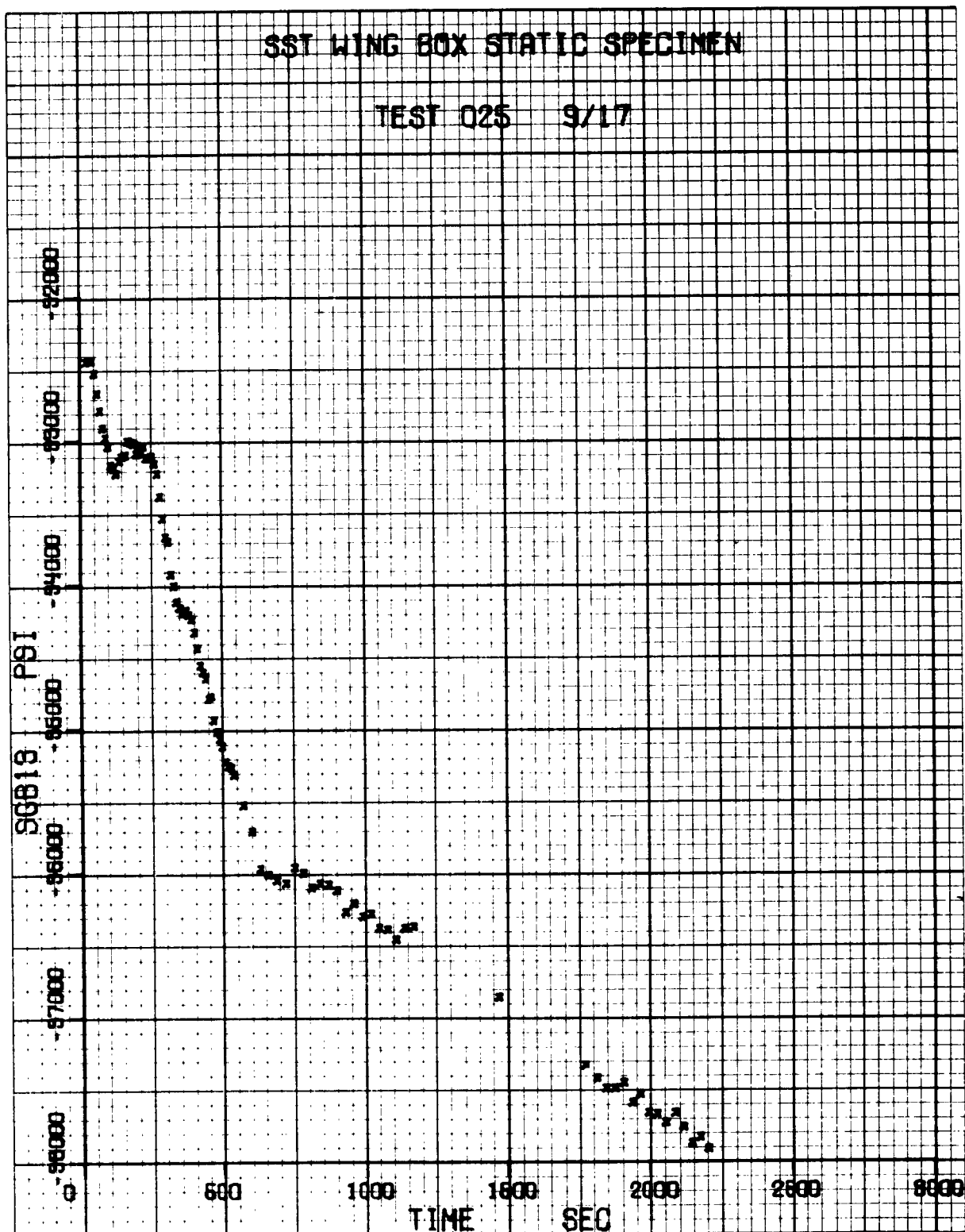


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

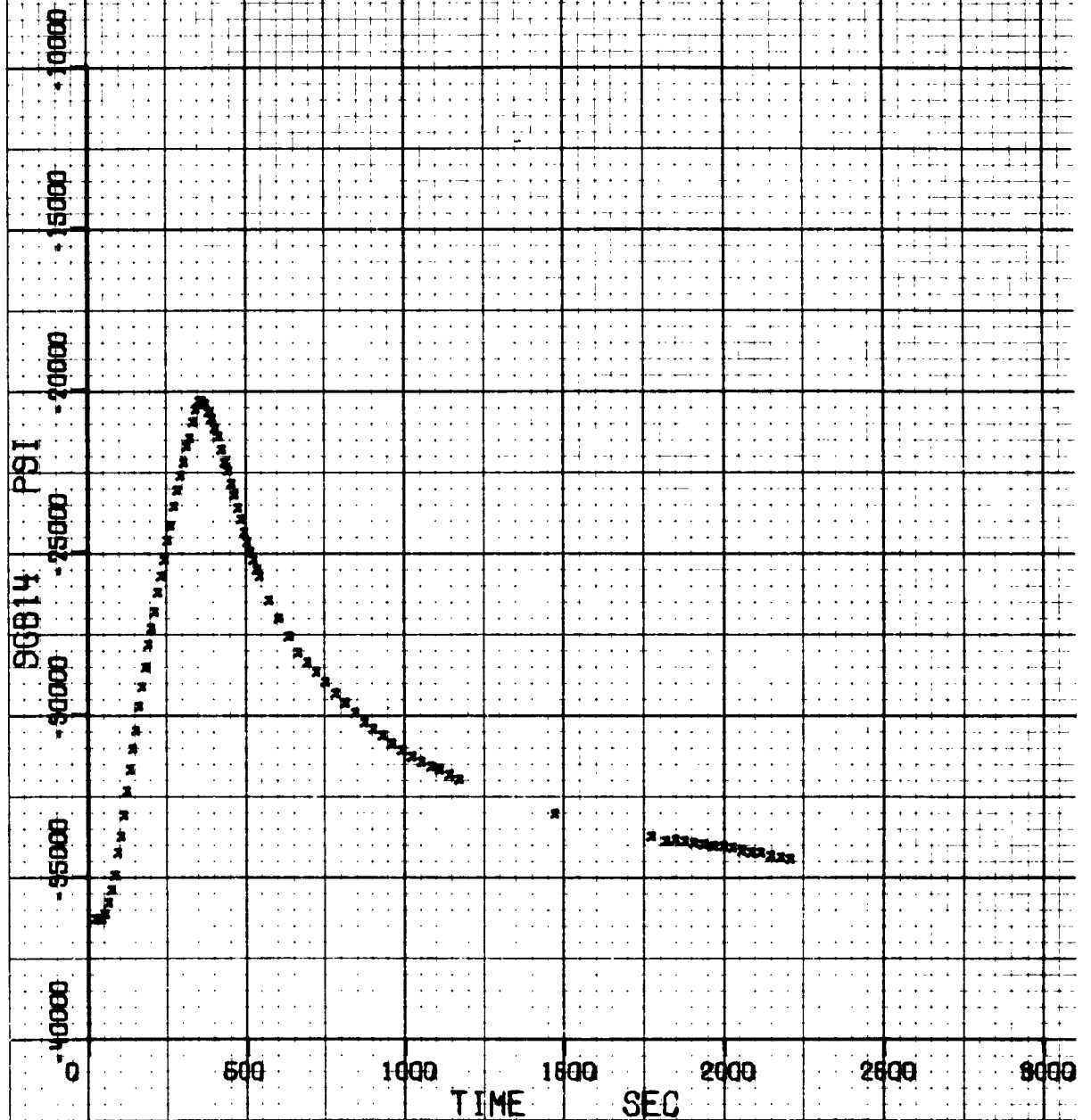


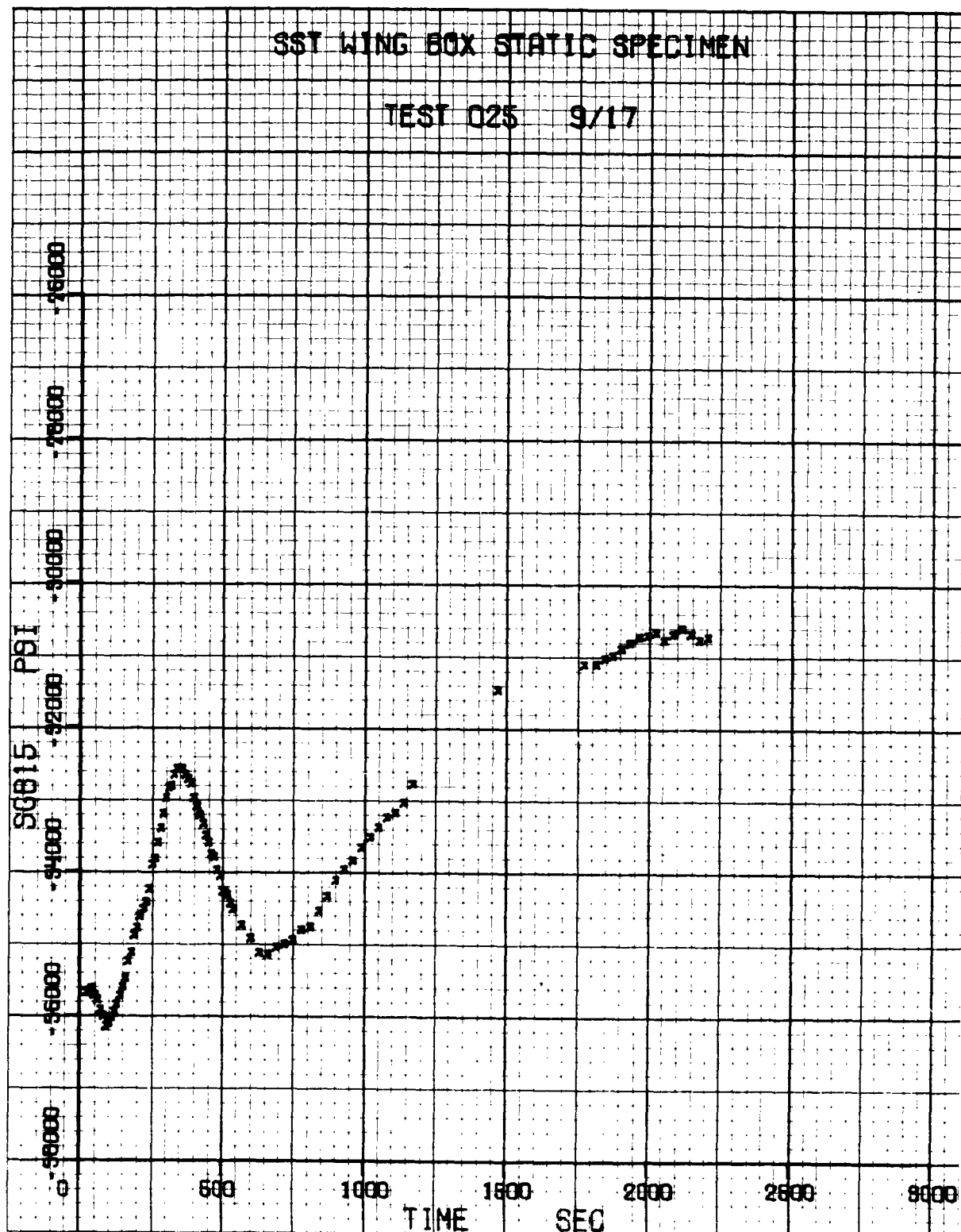




# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

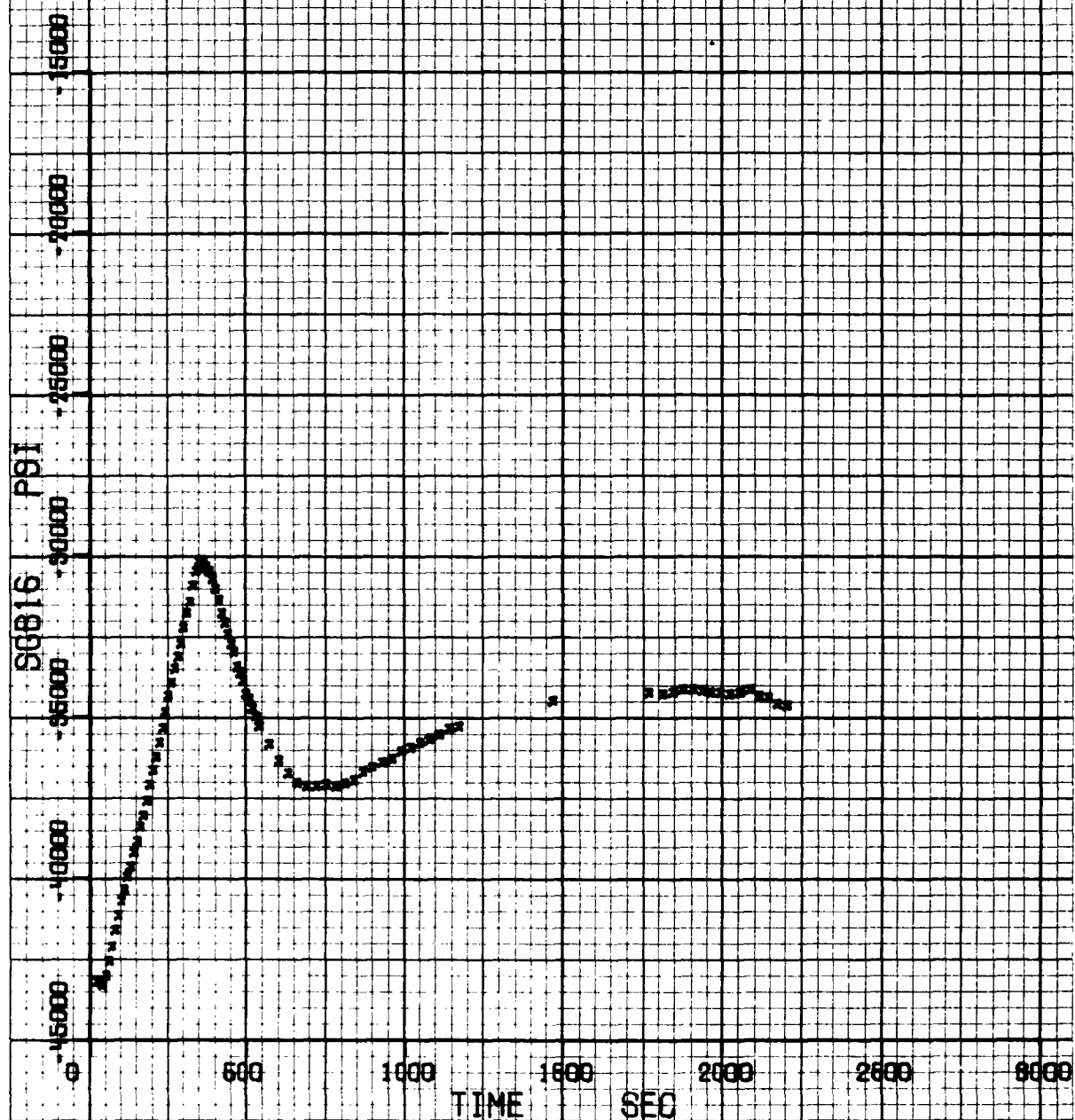


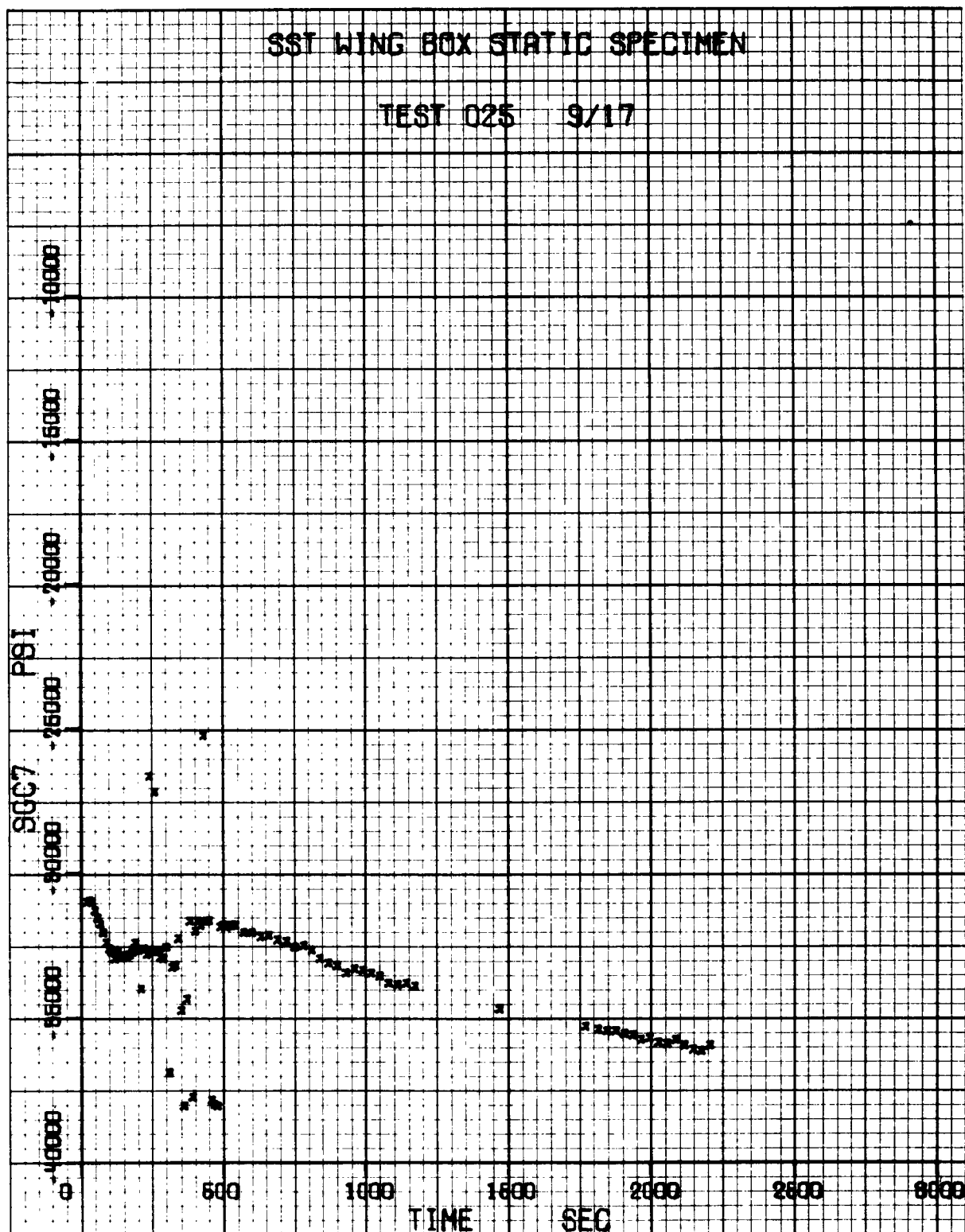




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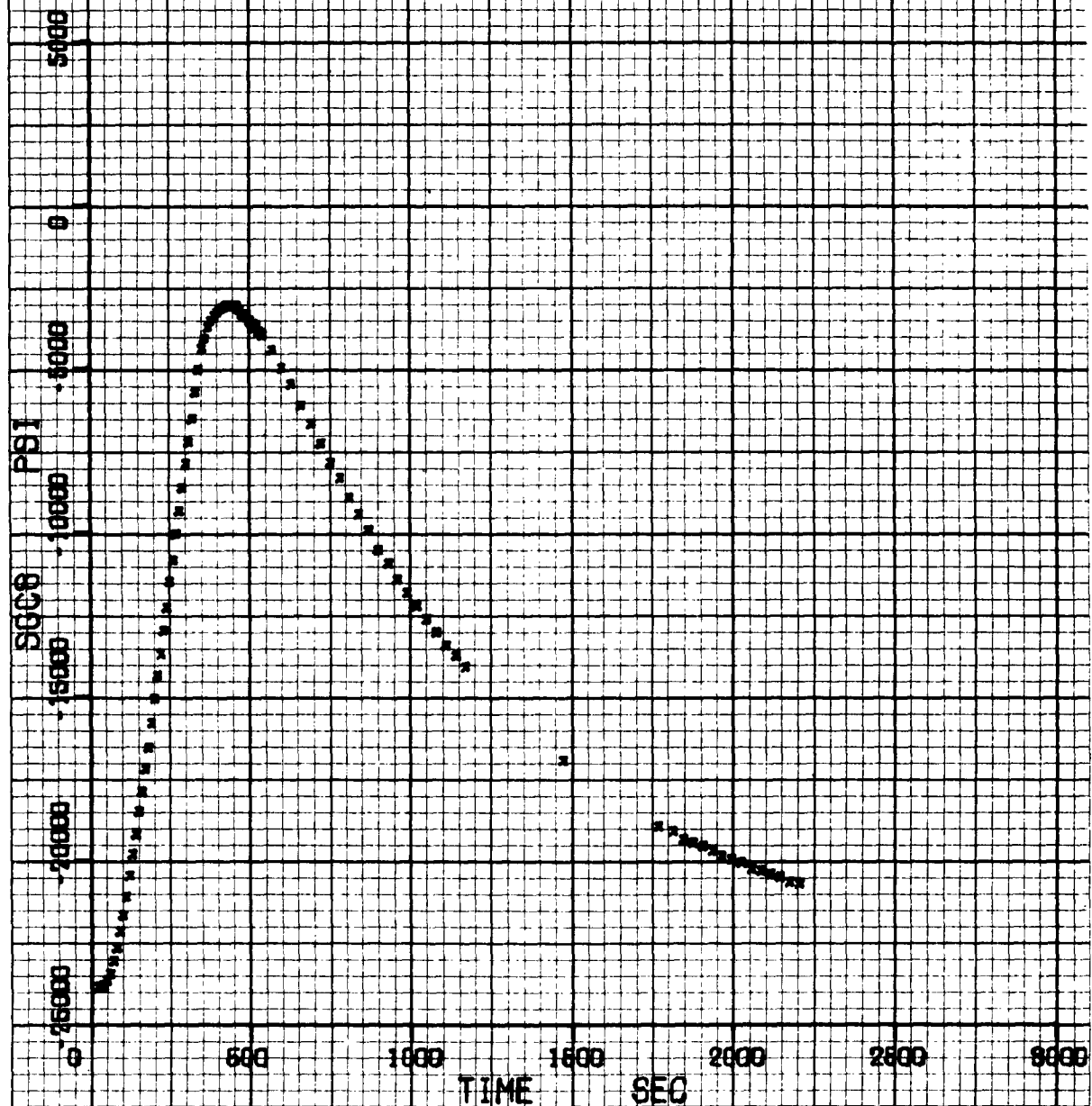
TEST 025 9/17





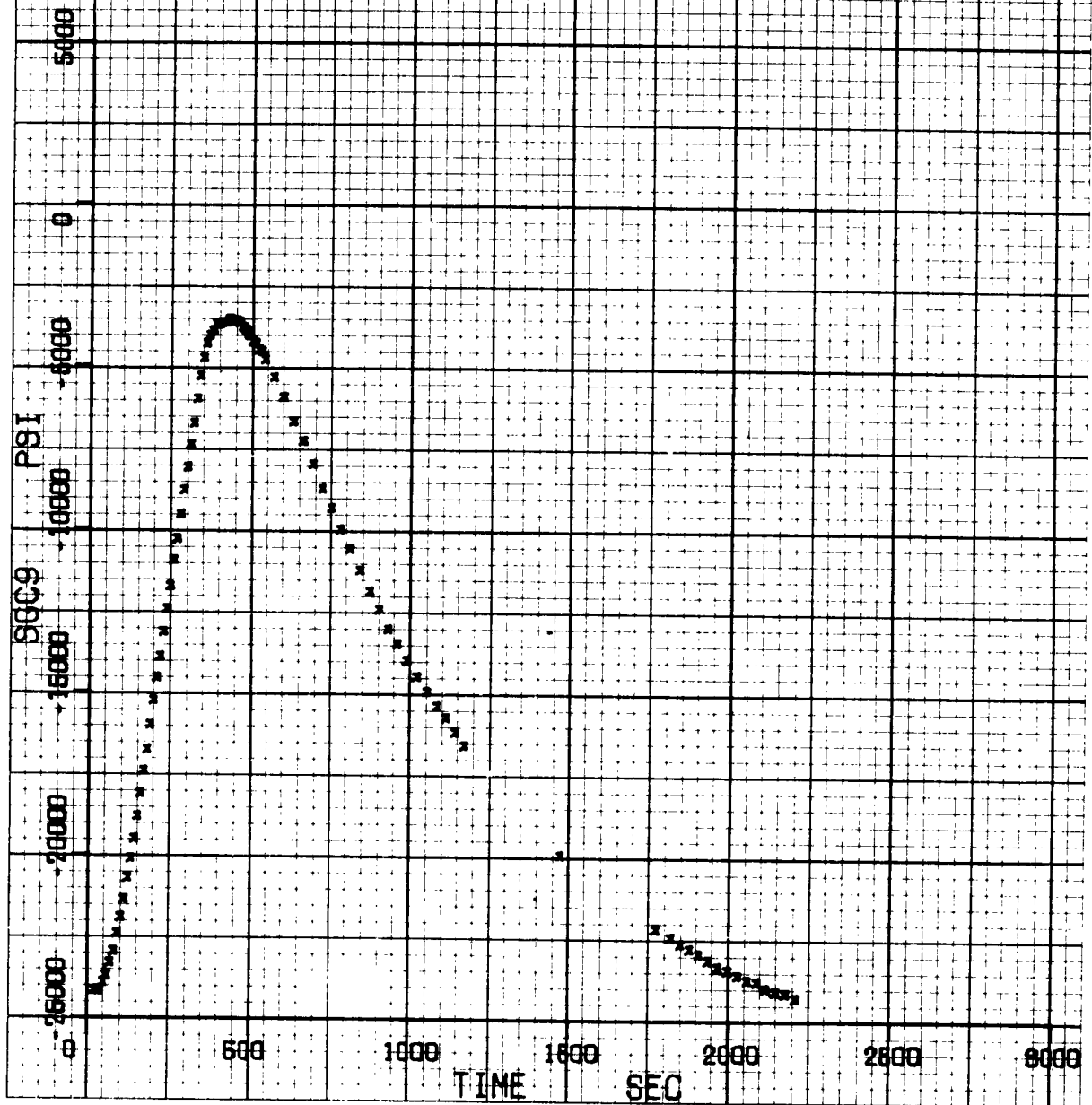
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



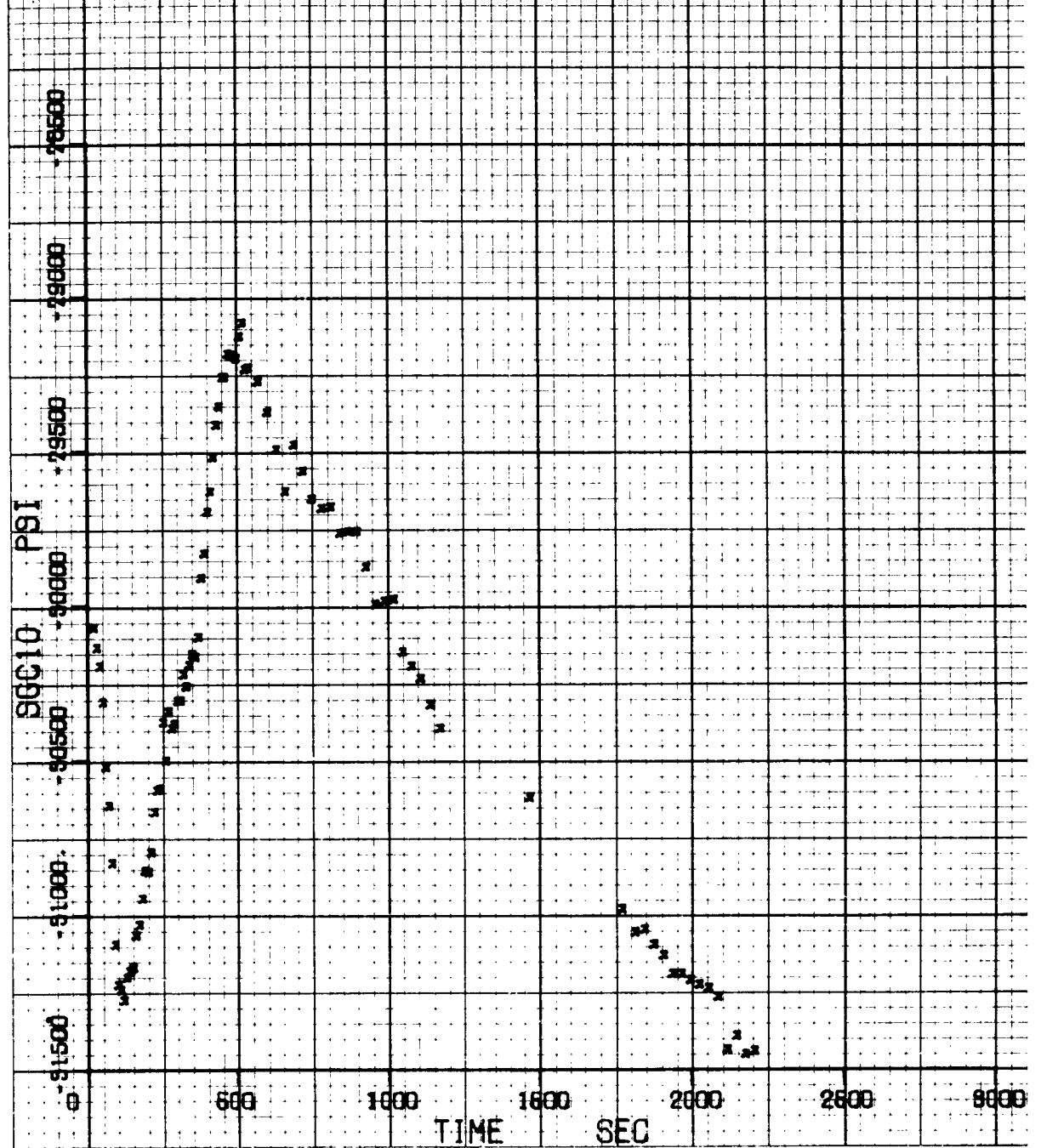
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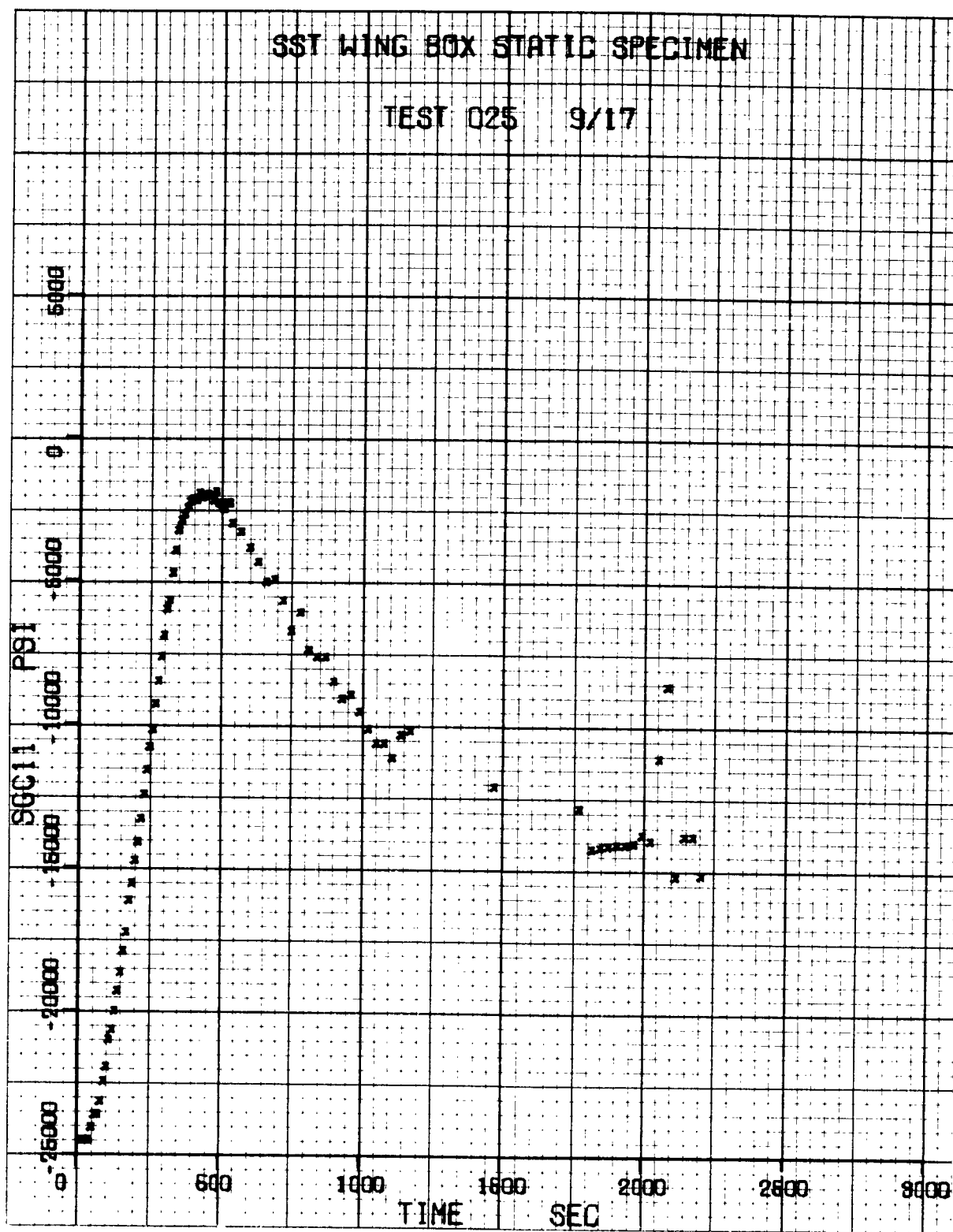
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

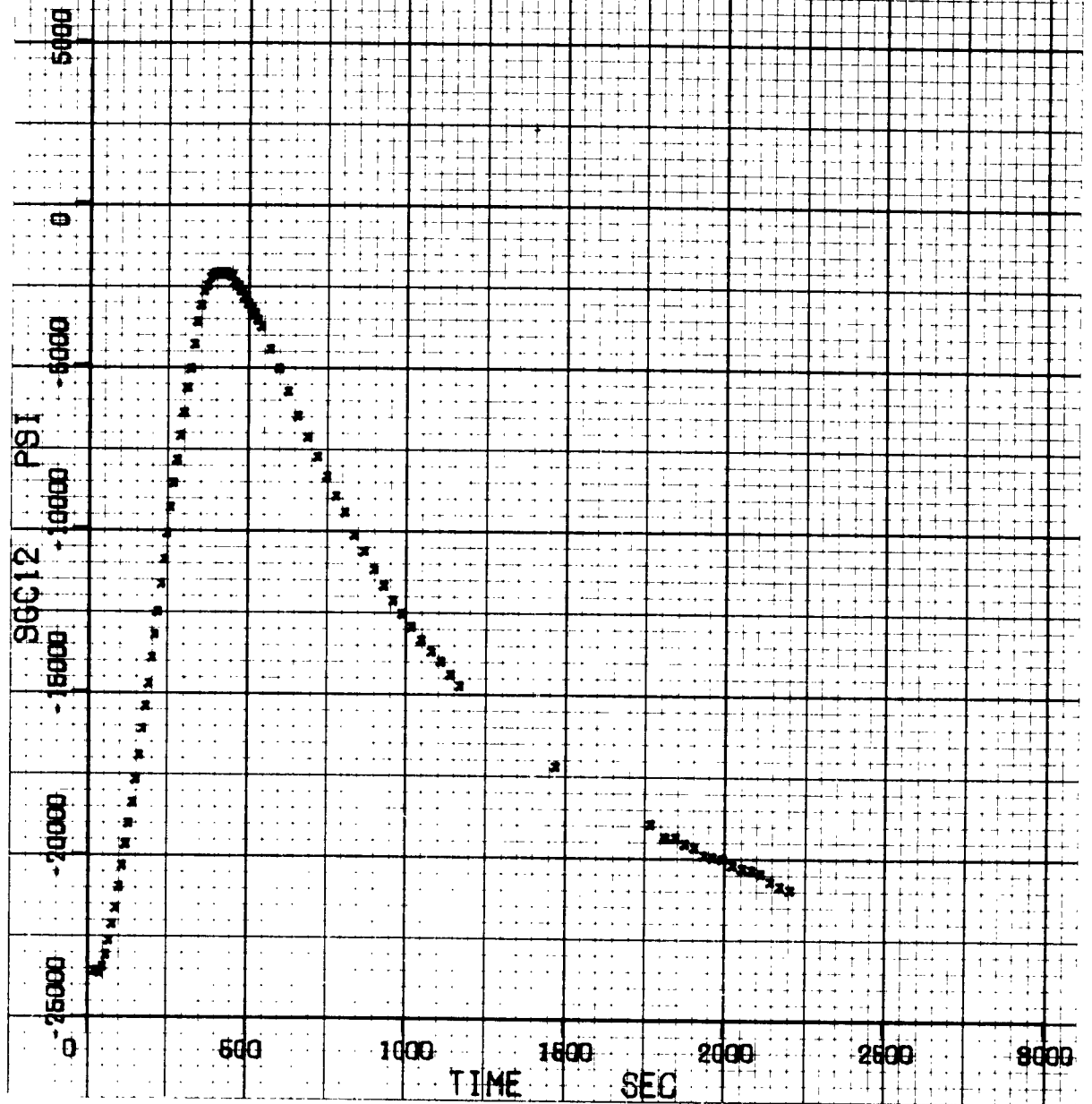
TEST 025 9/17

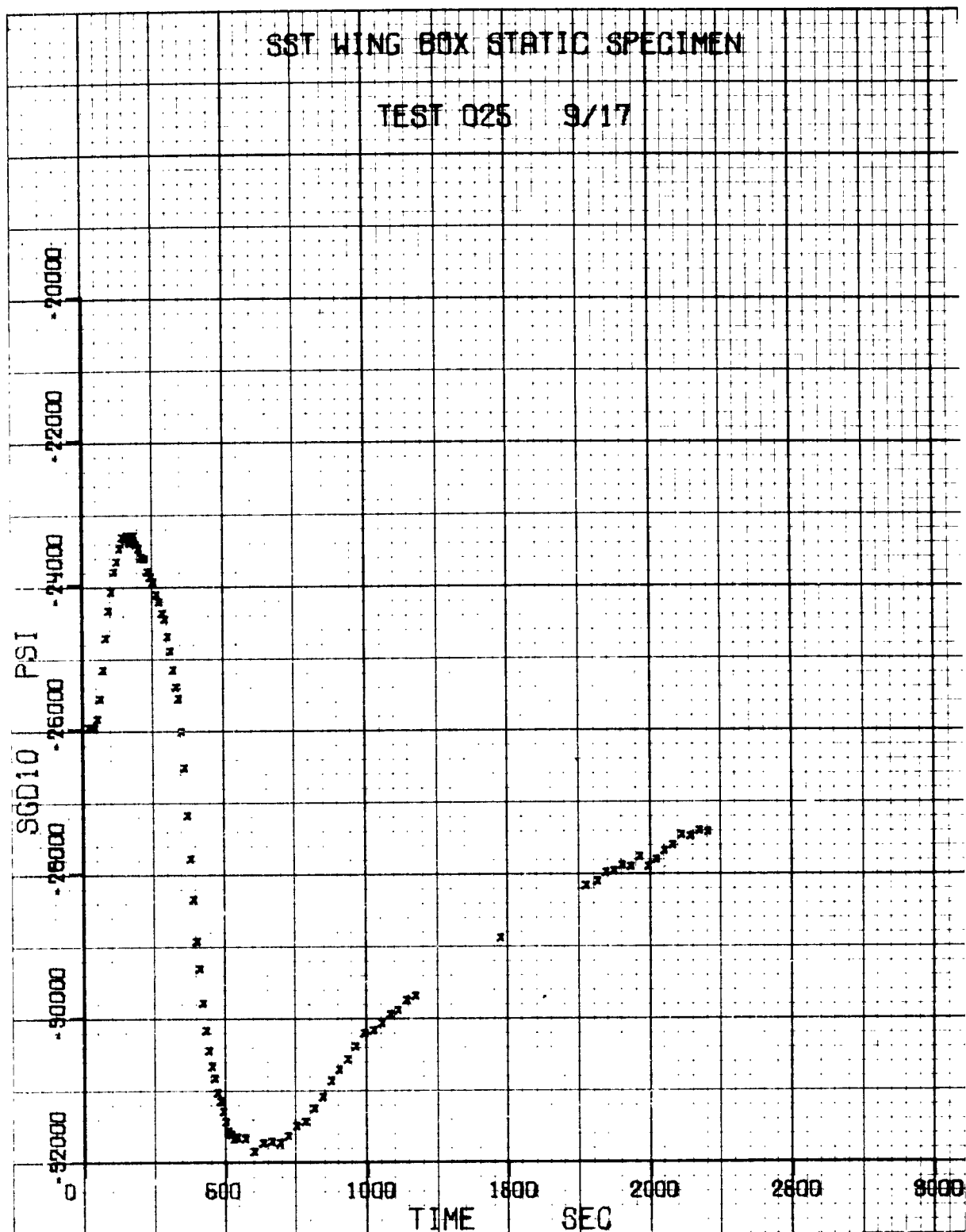




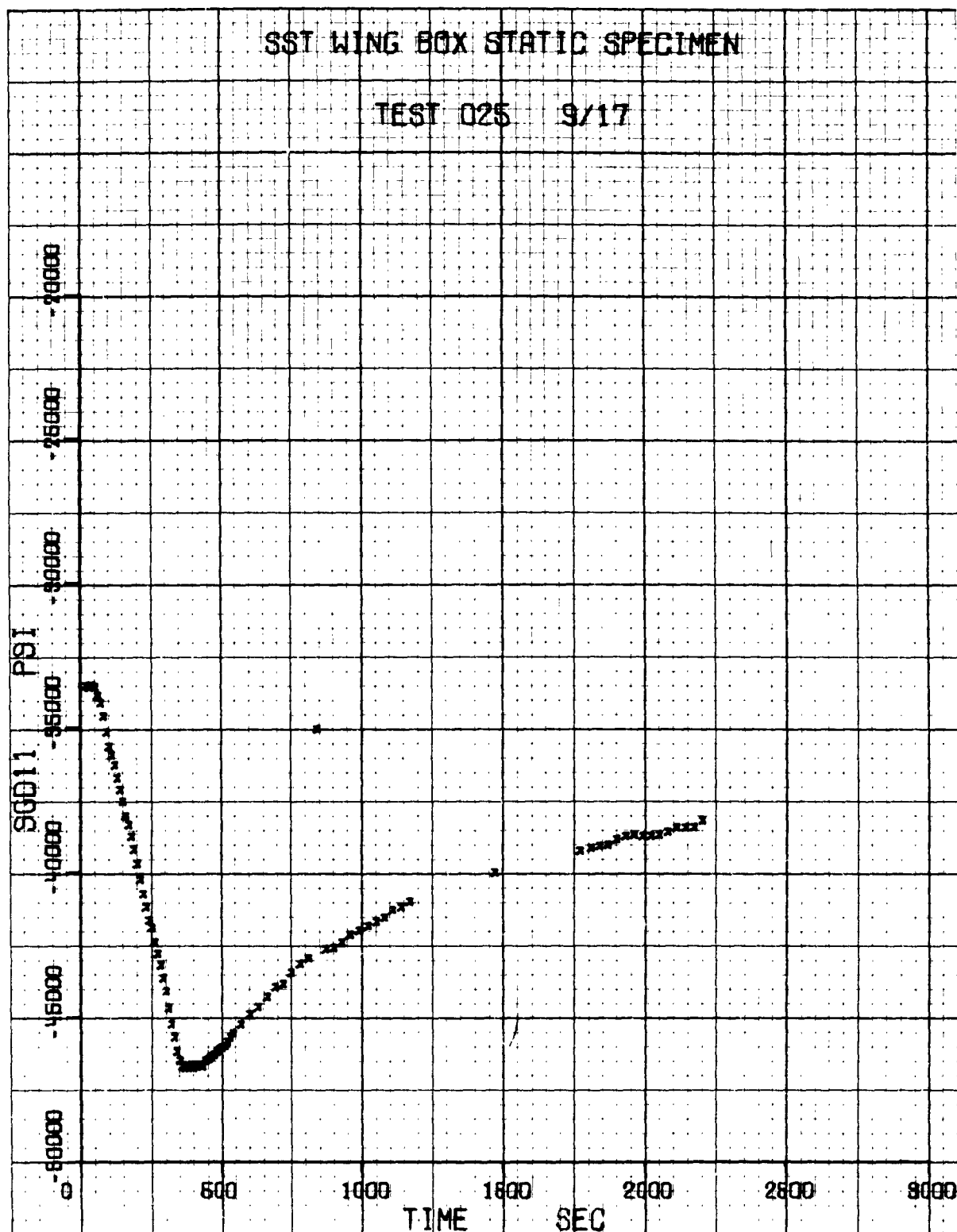
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



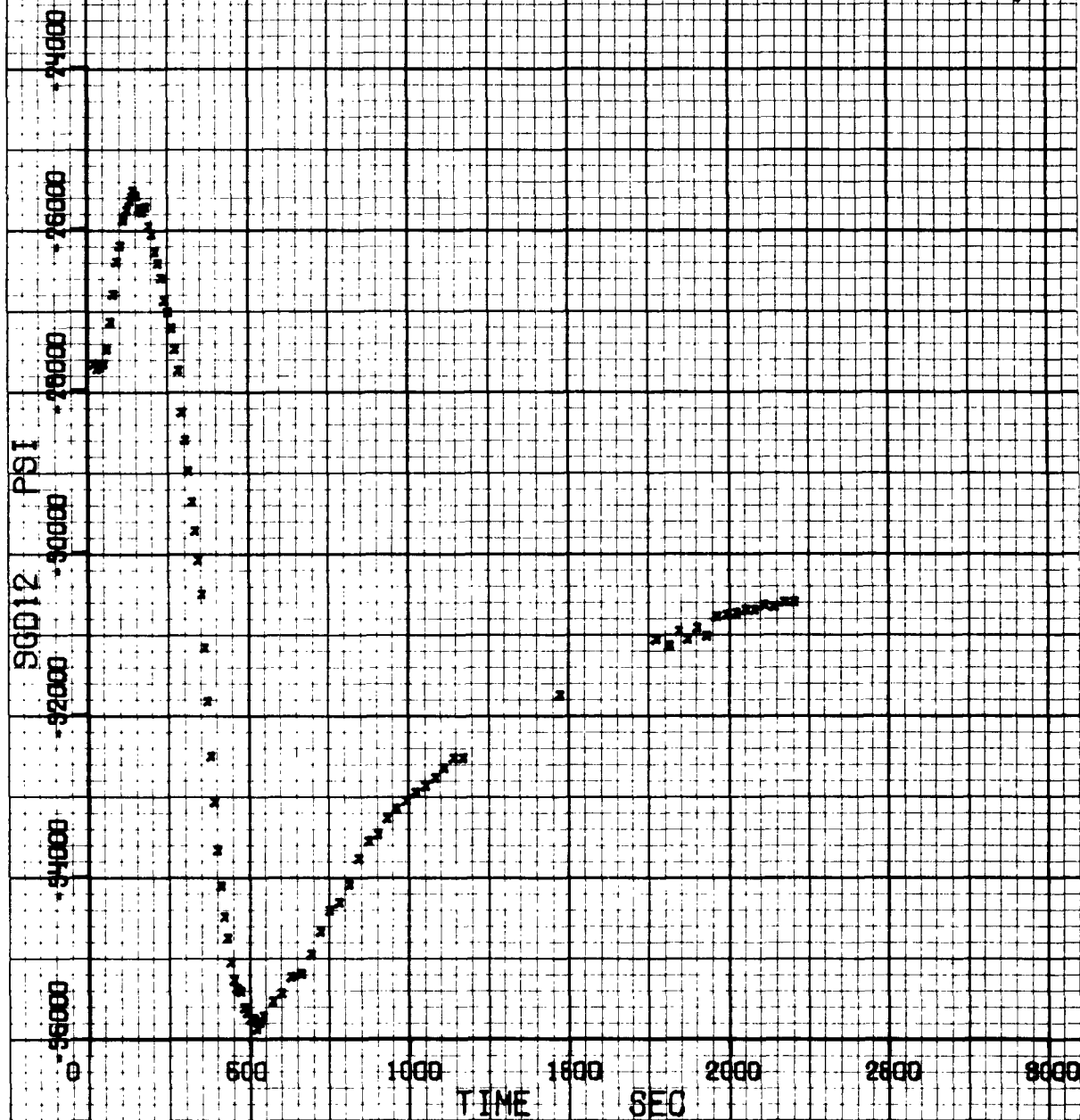






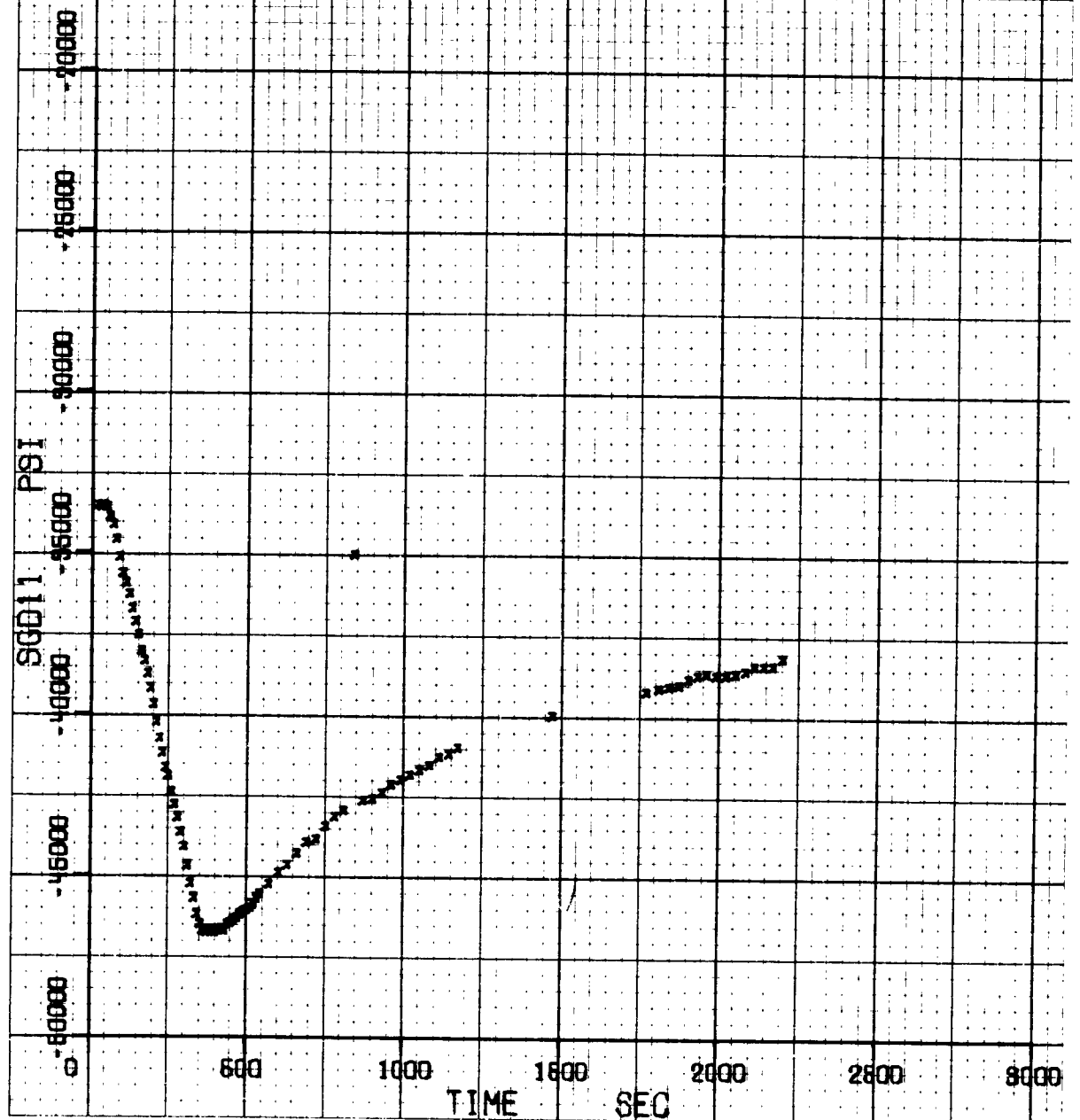
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



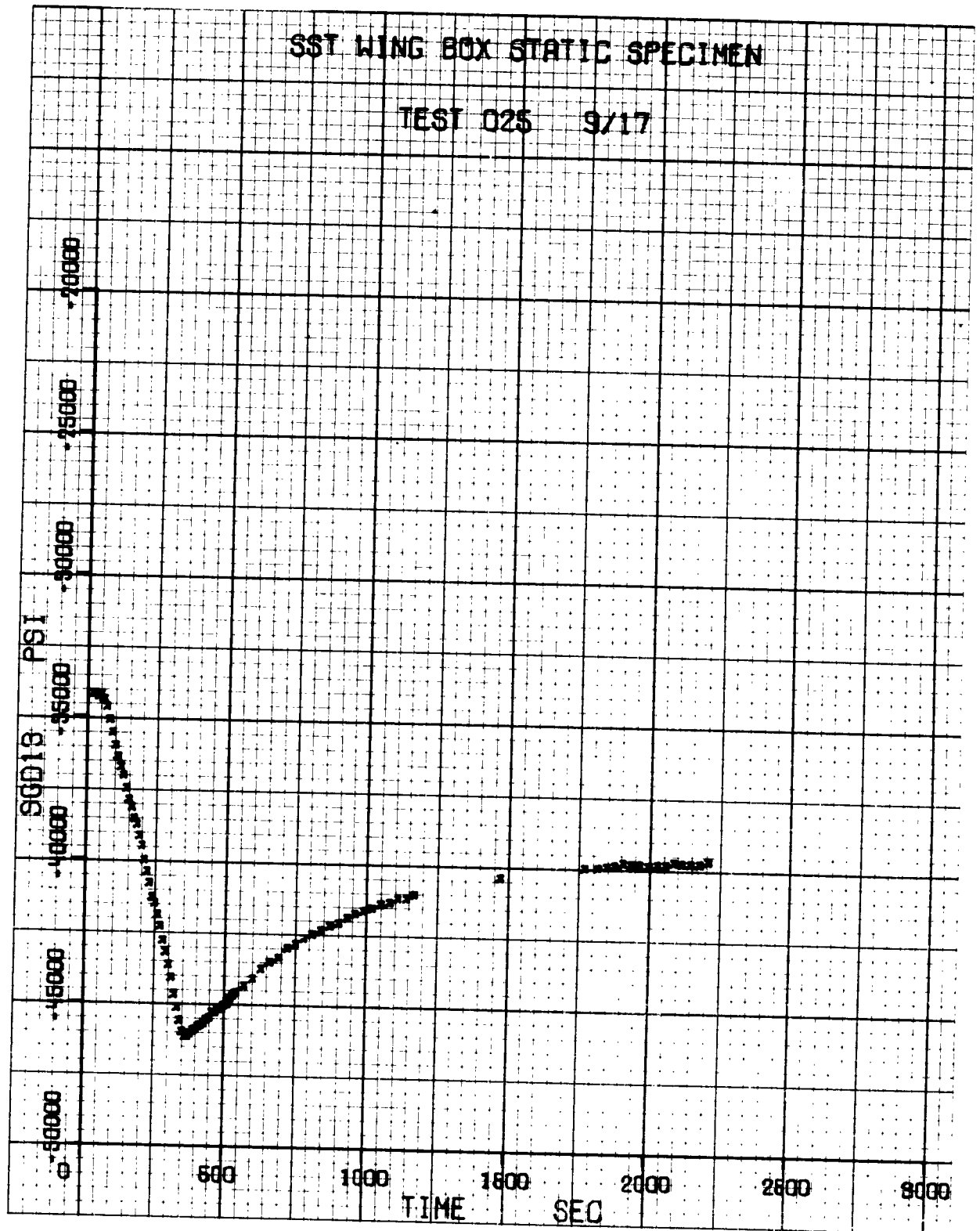
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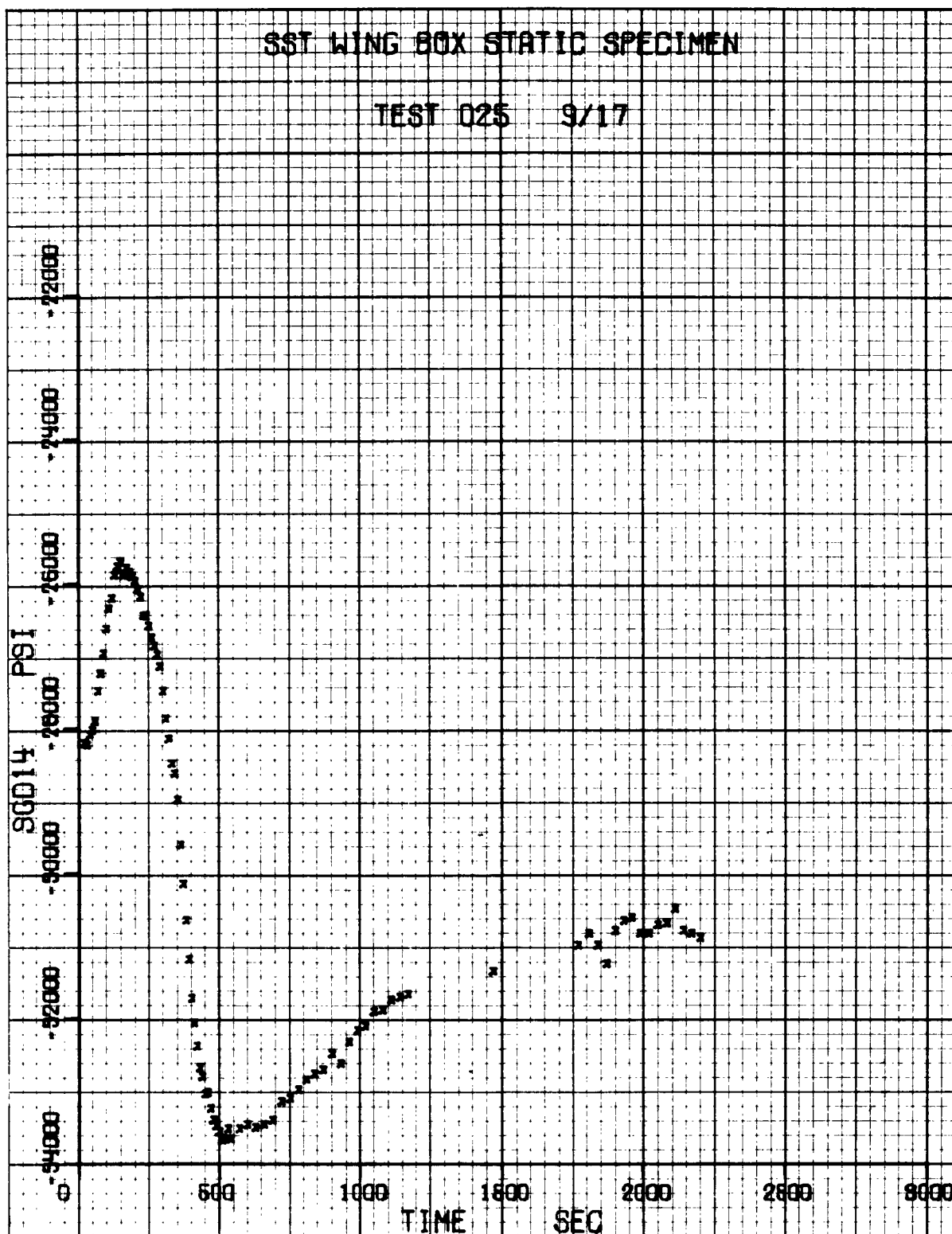
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

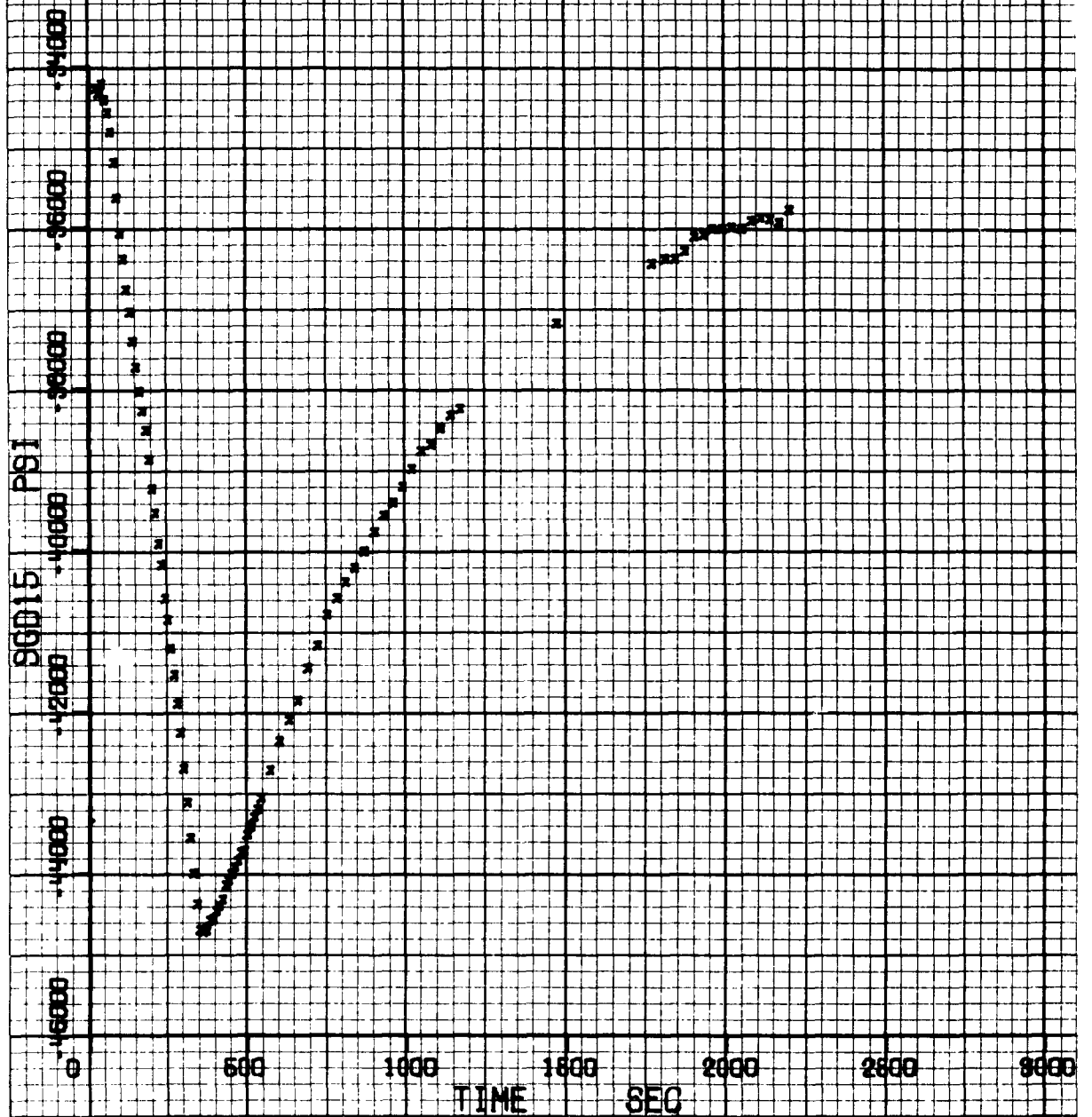
TEST 025 9/17





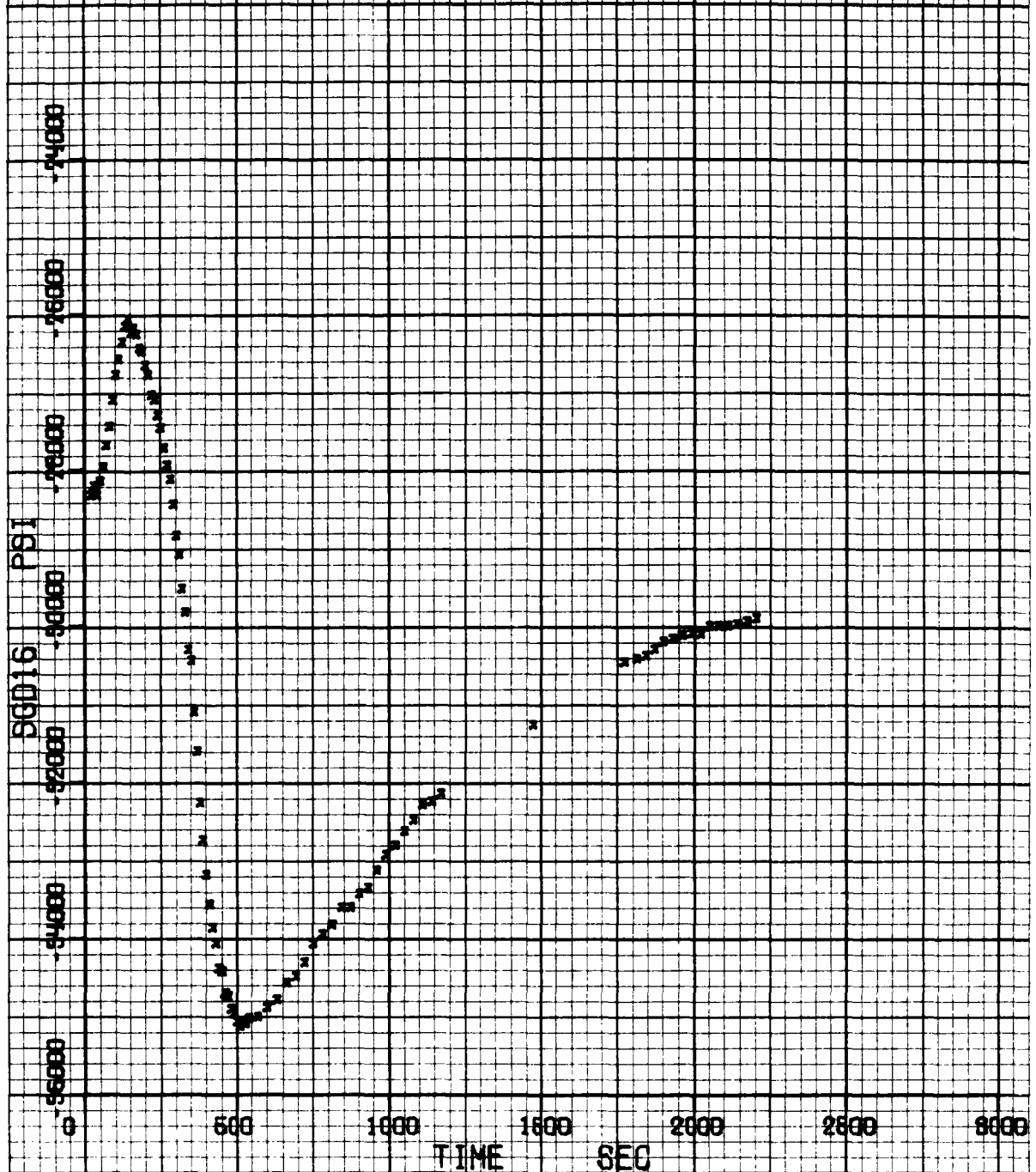
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TEST 025 9/17



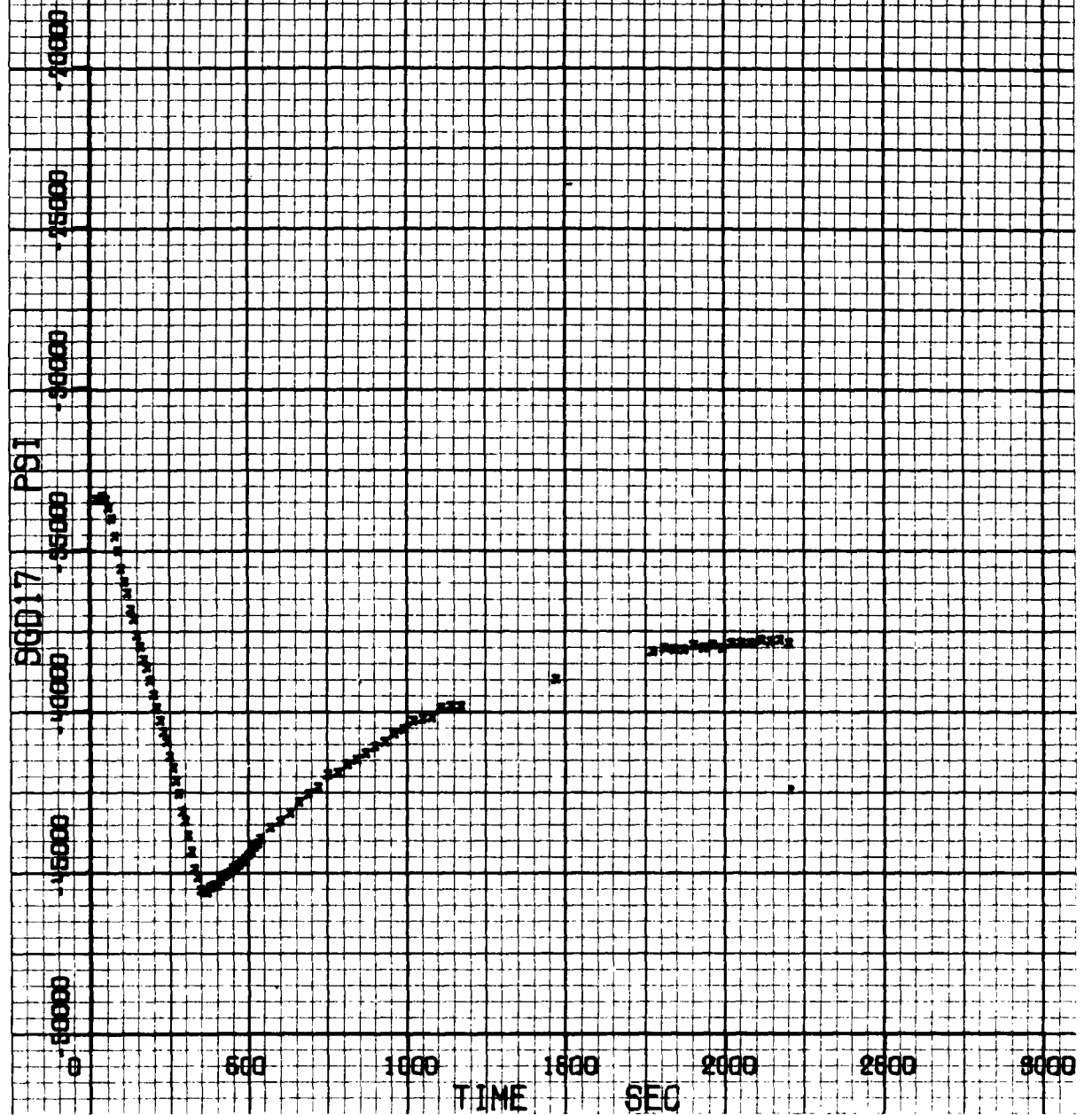
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TEST 025 9/17

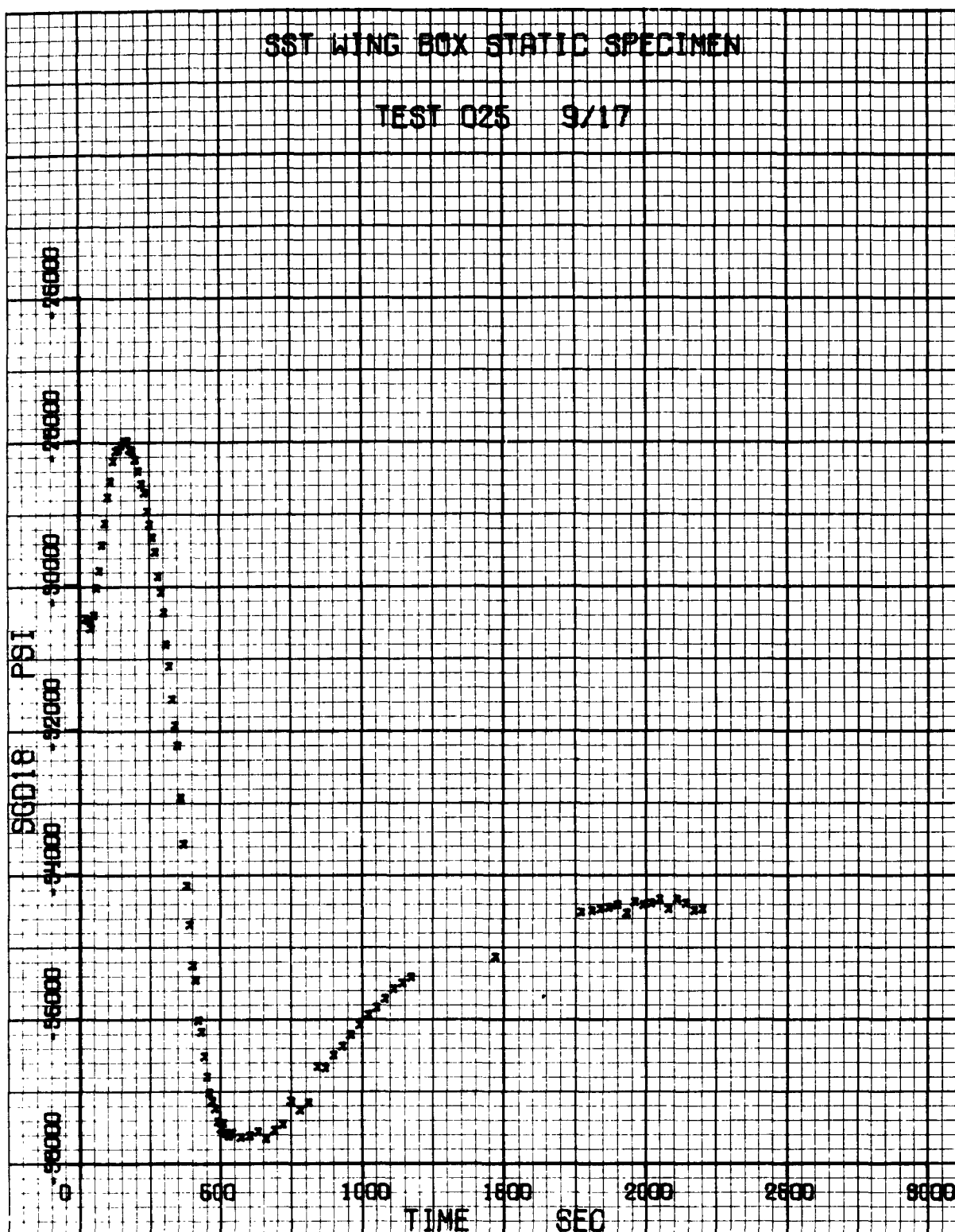


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TEST 025 9/17

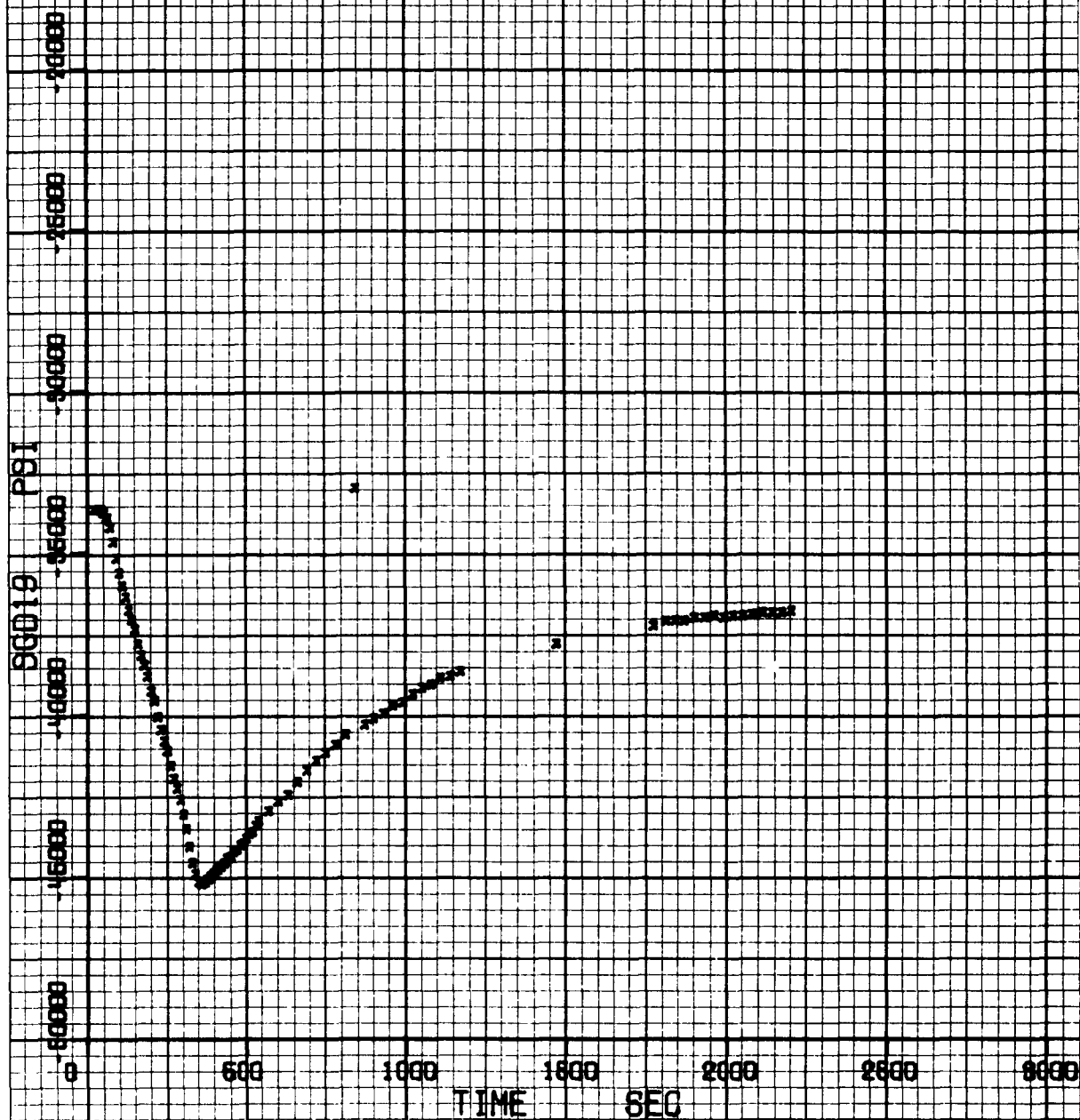


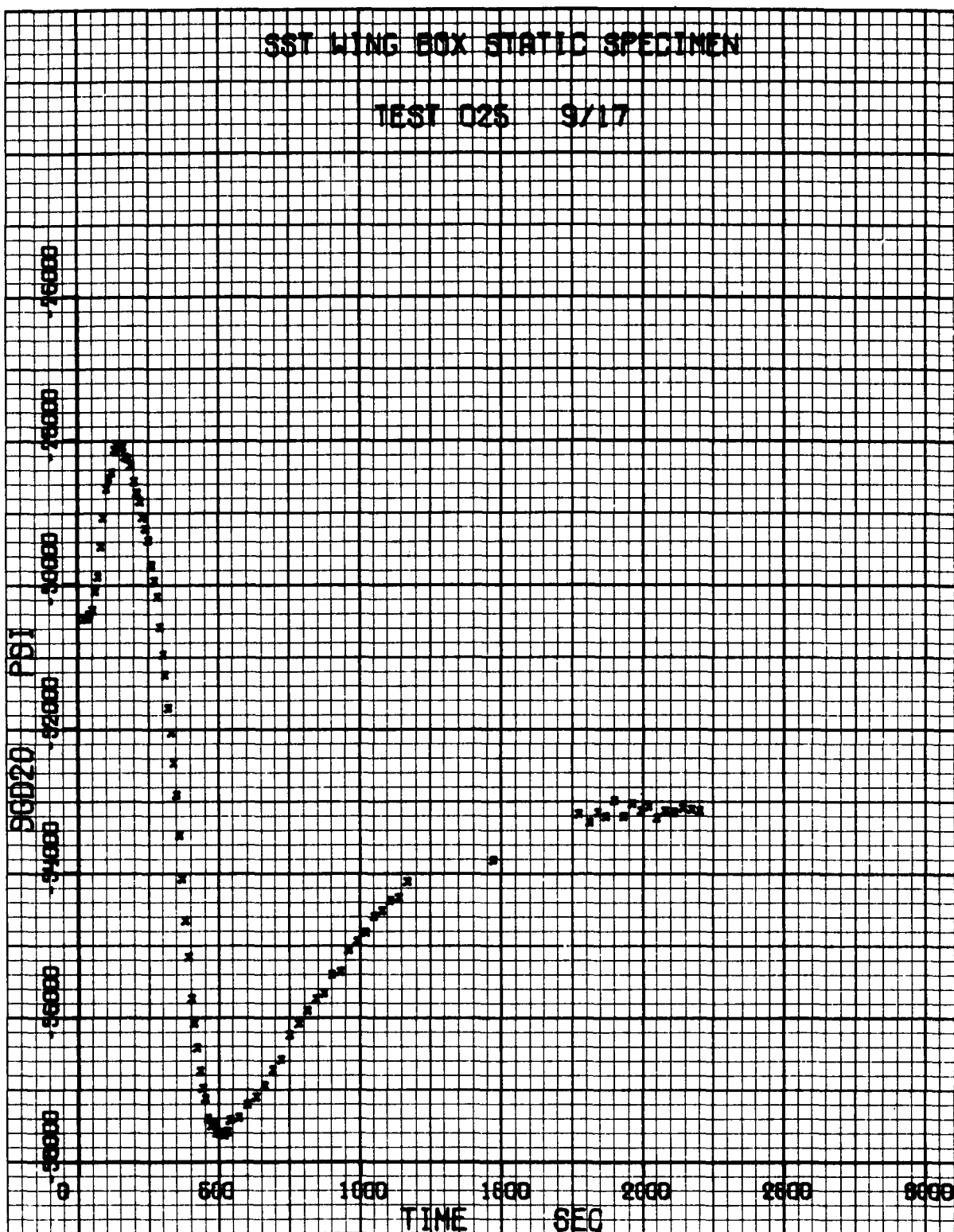




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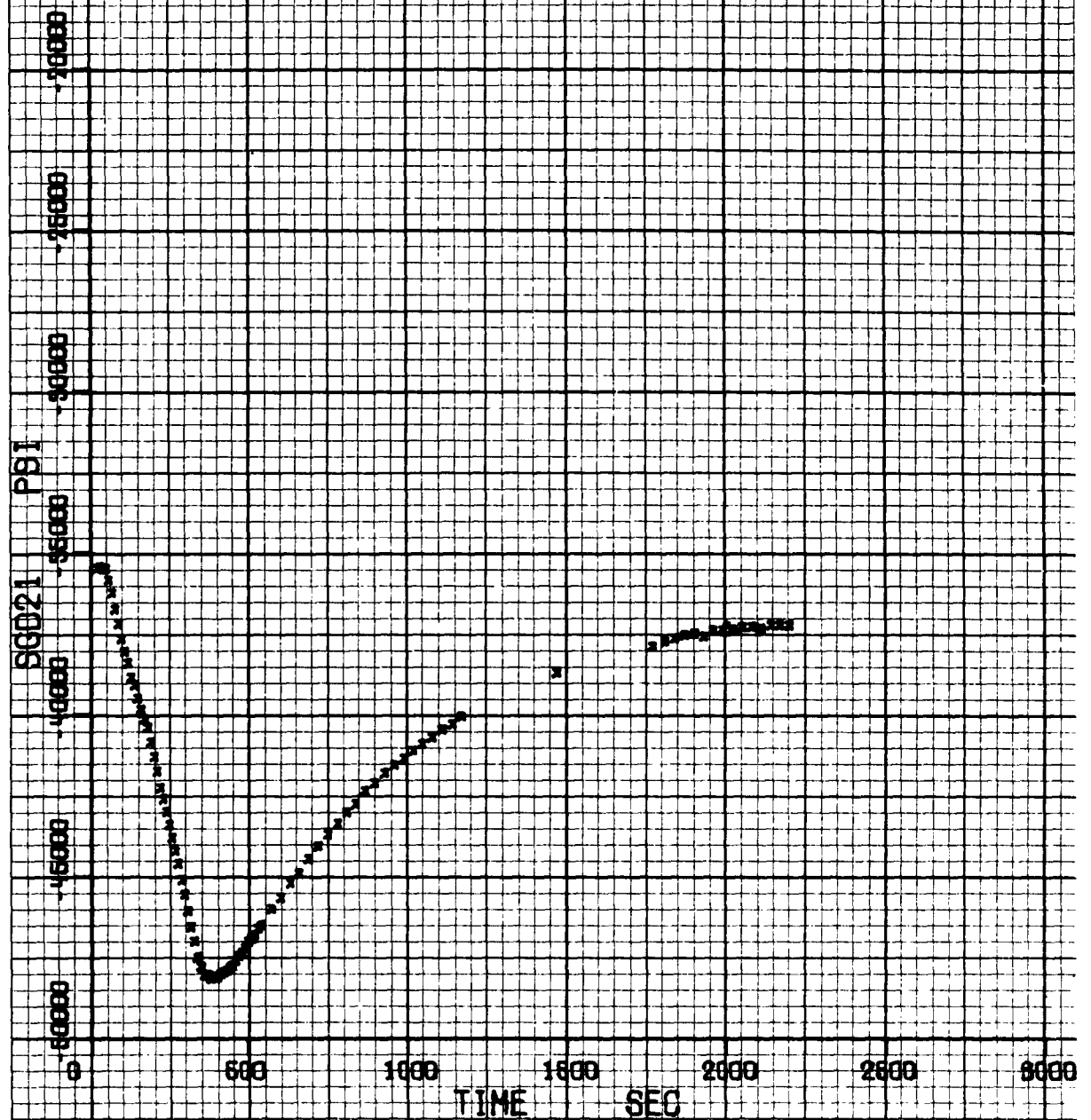
TEST 025 9/17





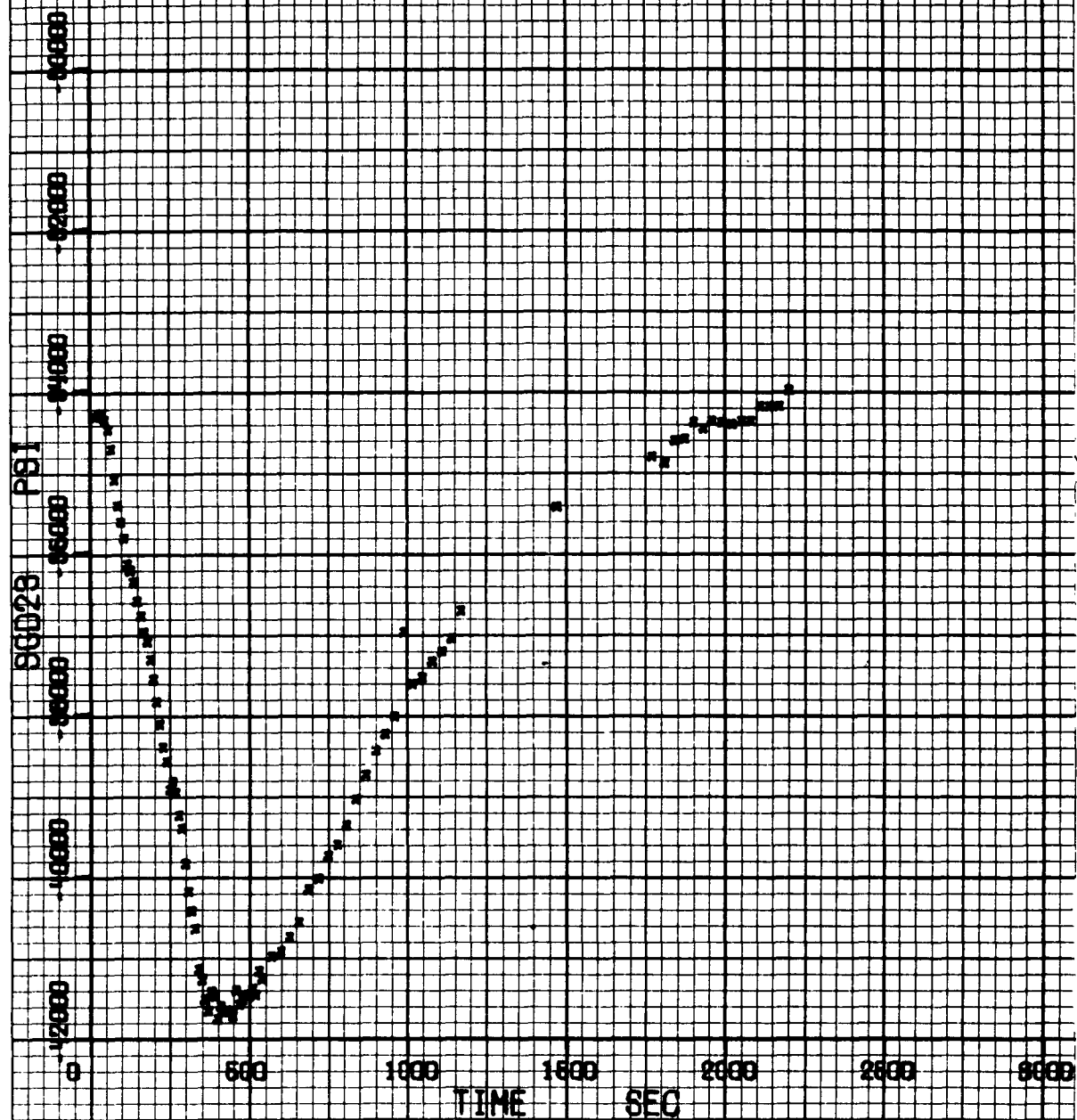
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



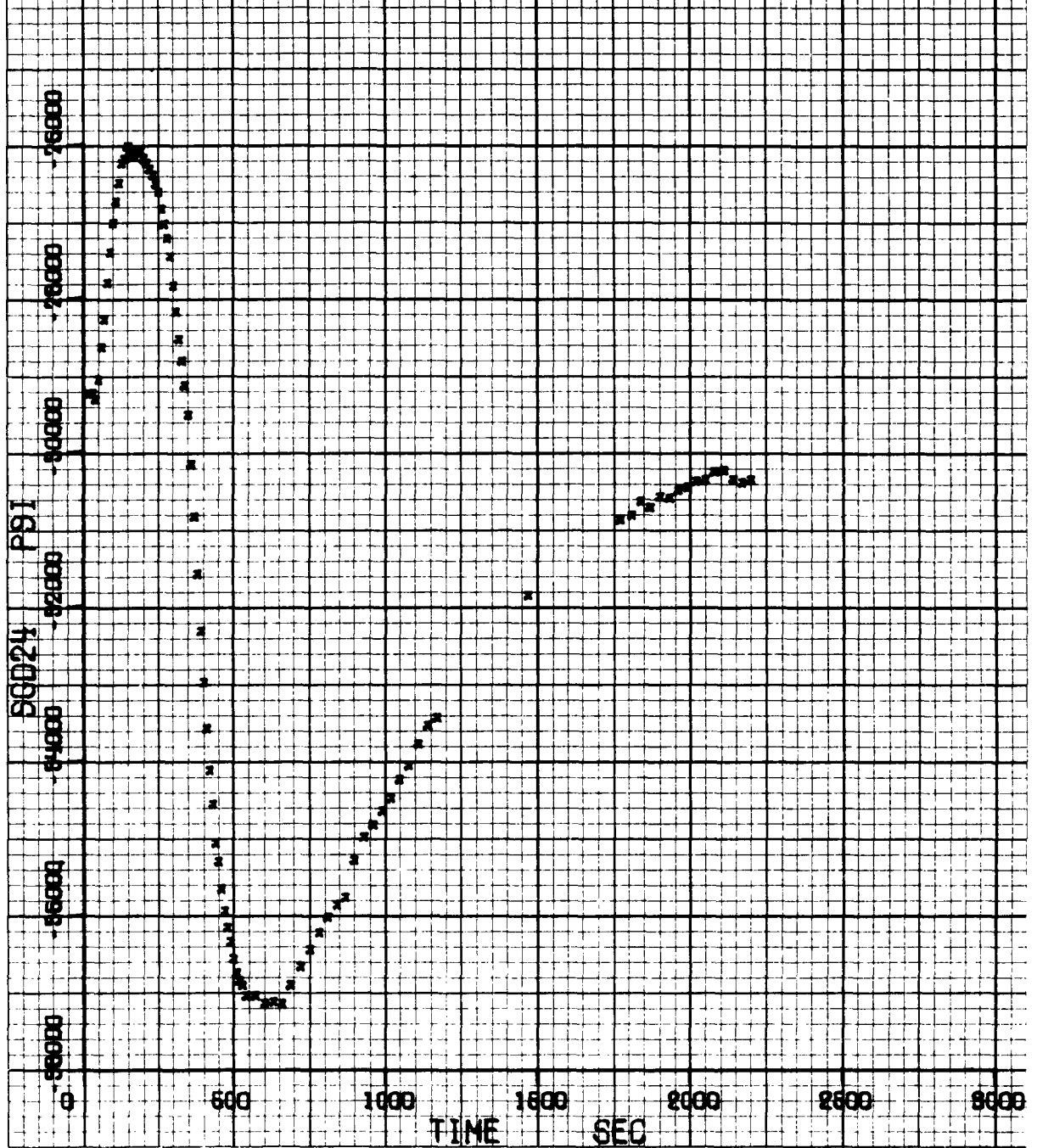
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



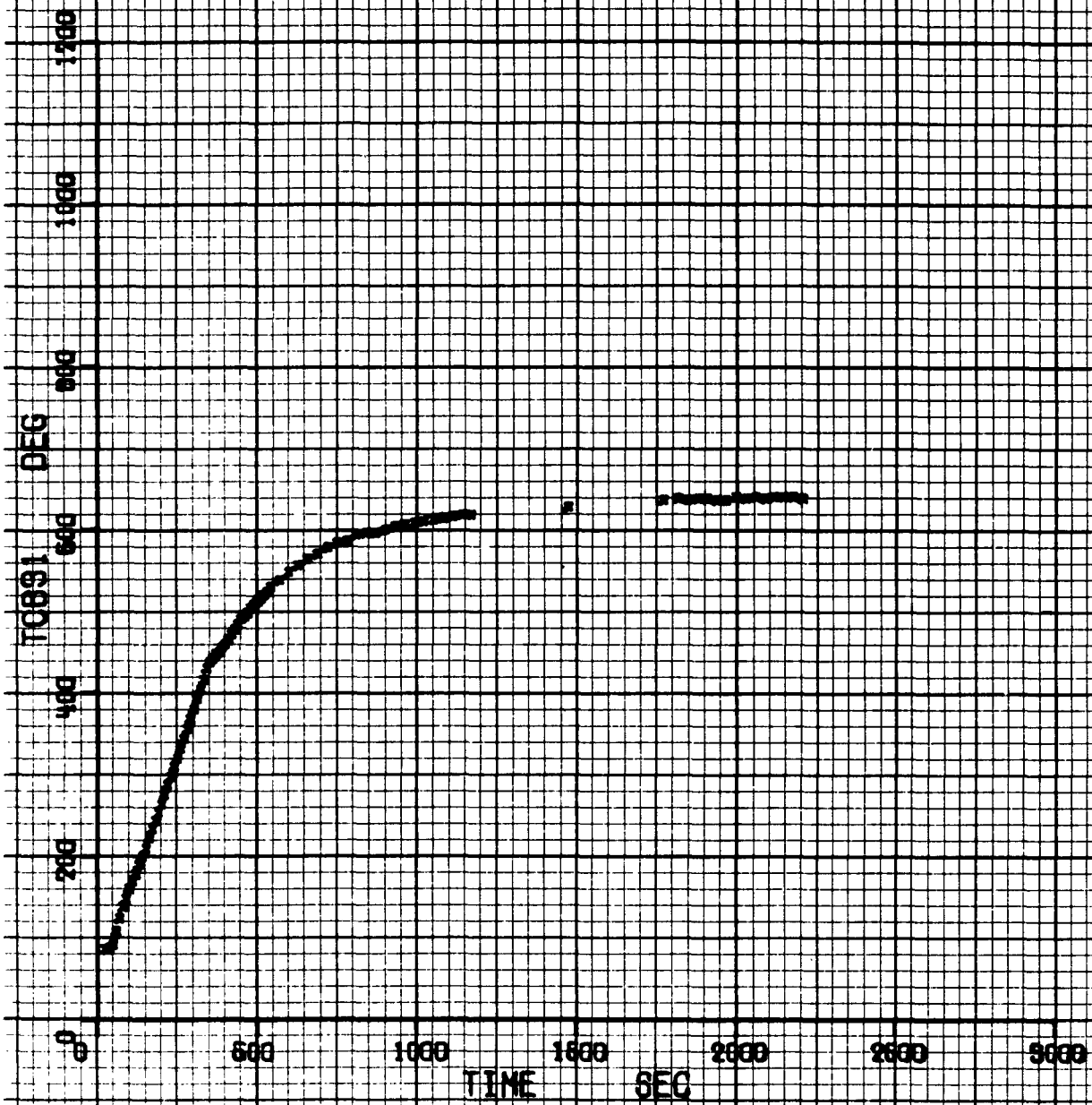
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



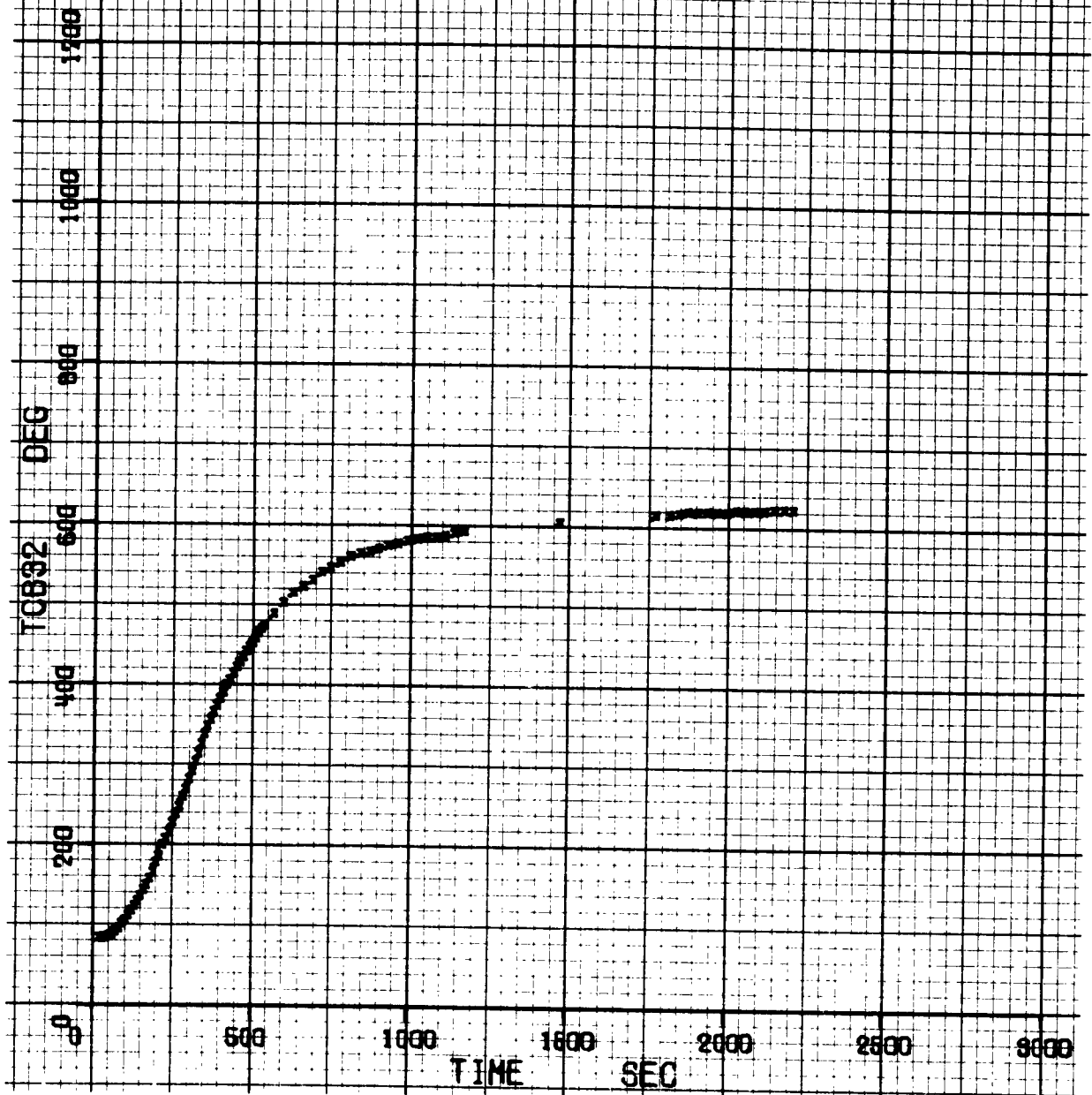
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

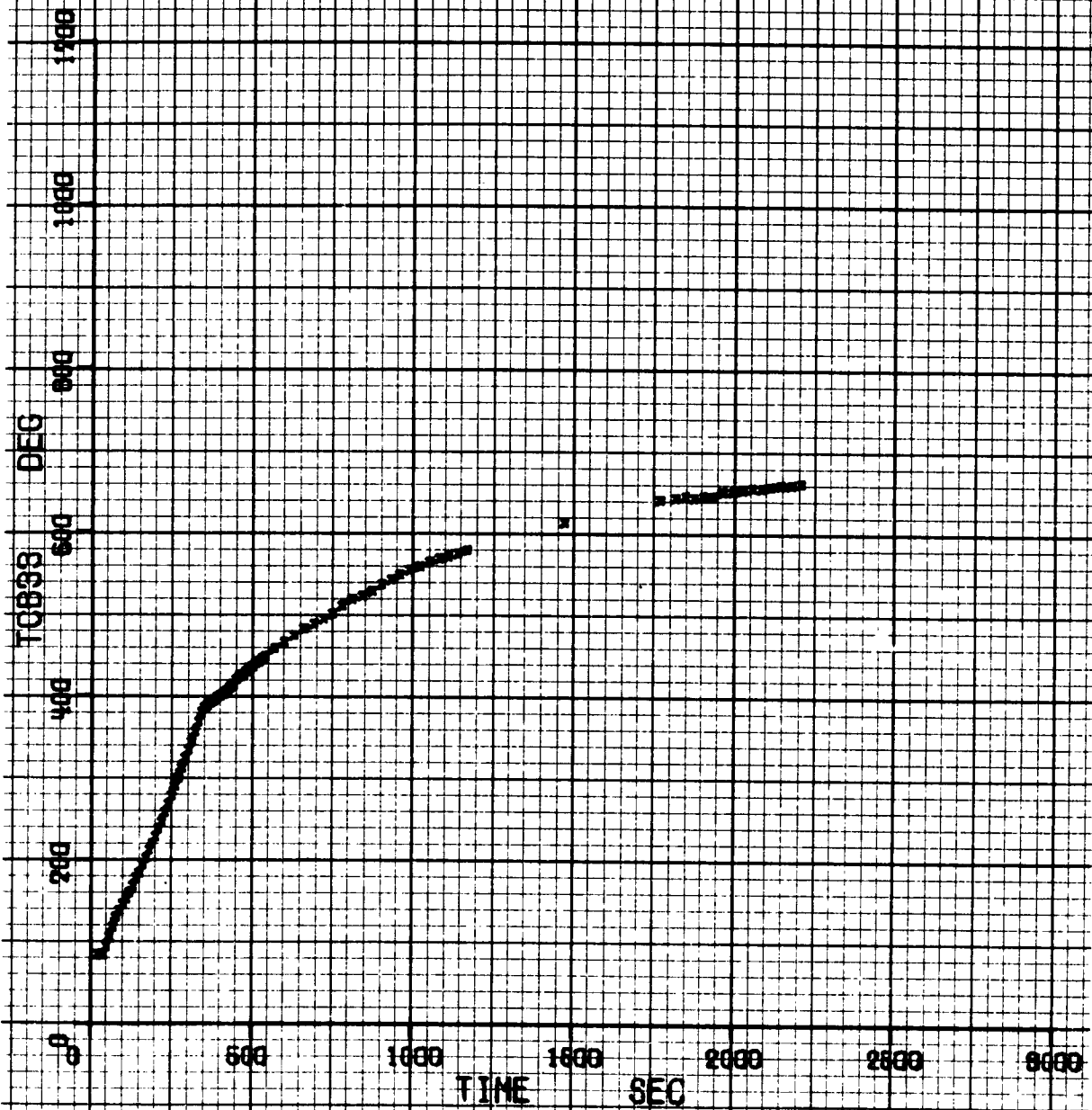
TEST 025 9/17





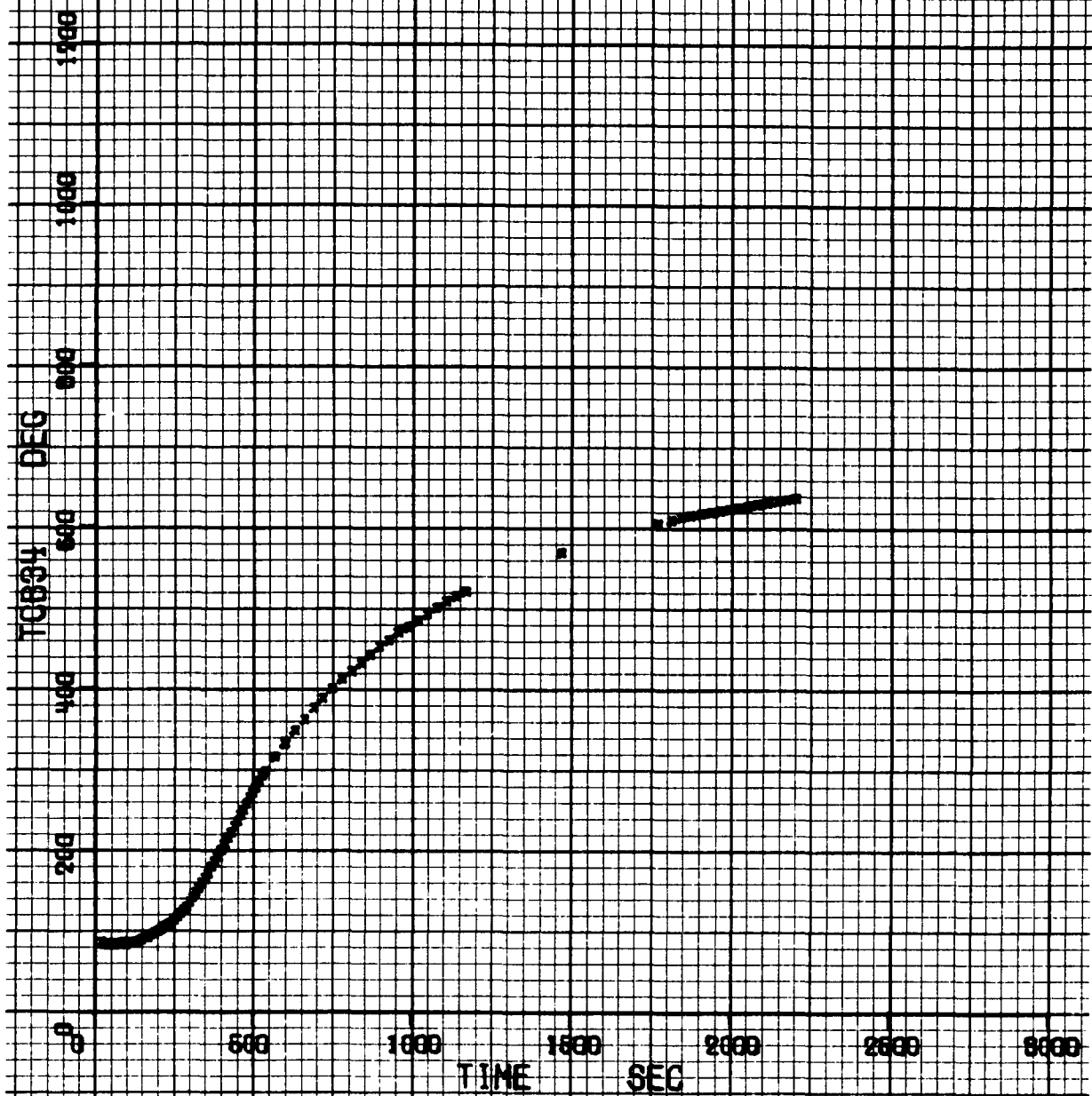
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



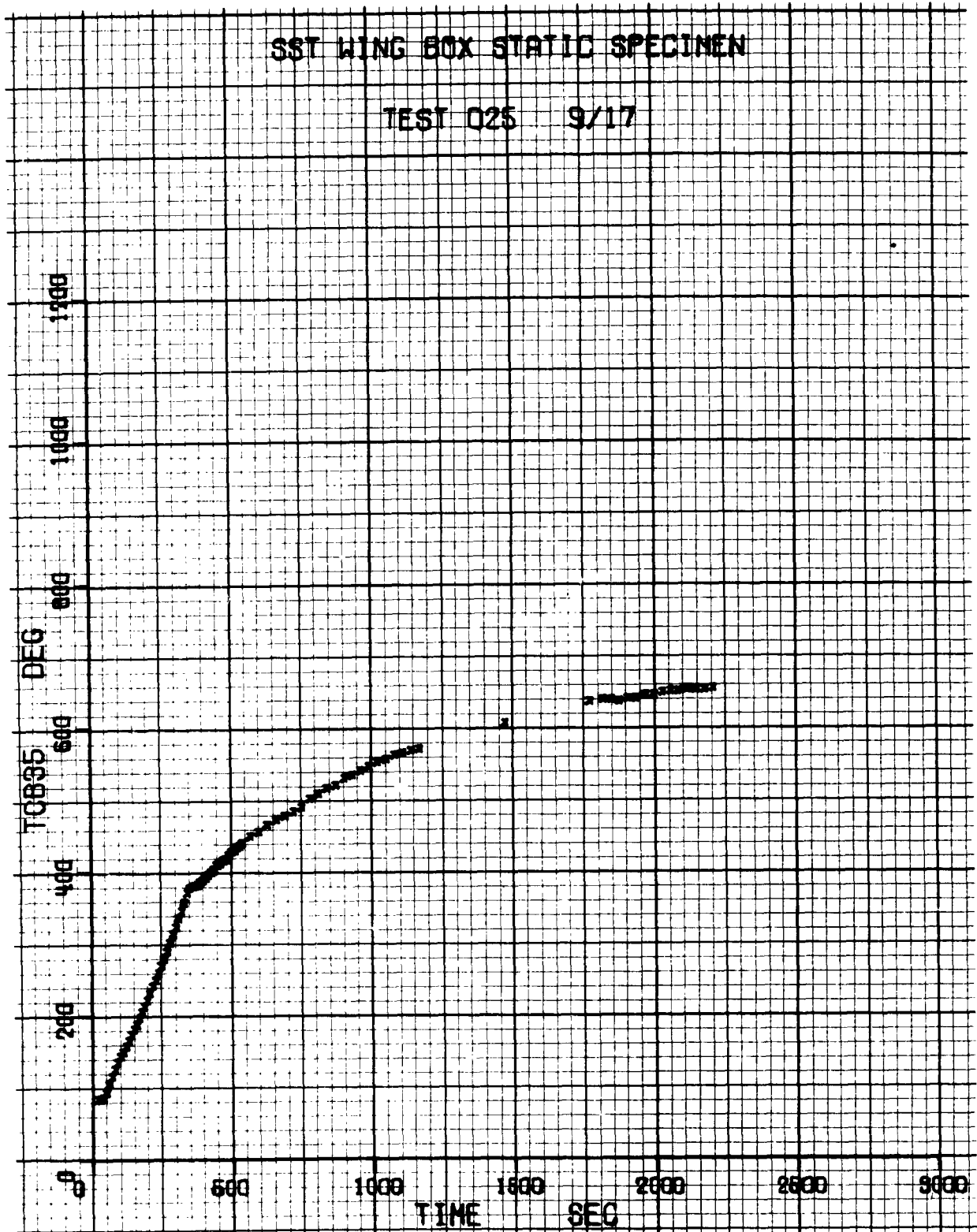
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



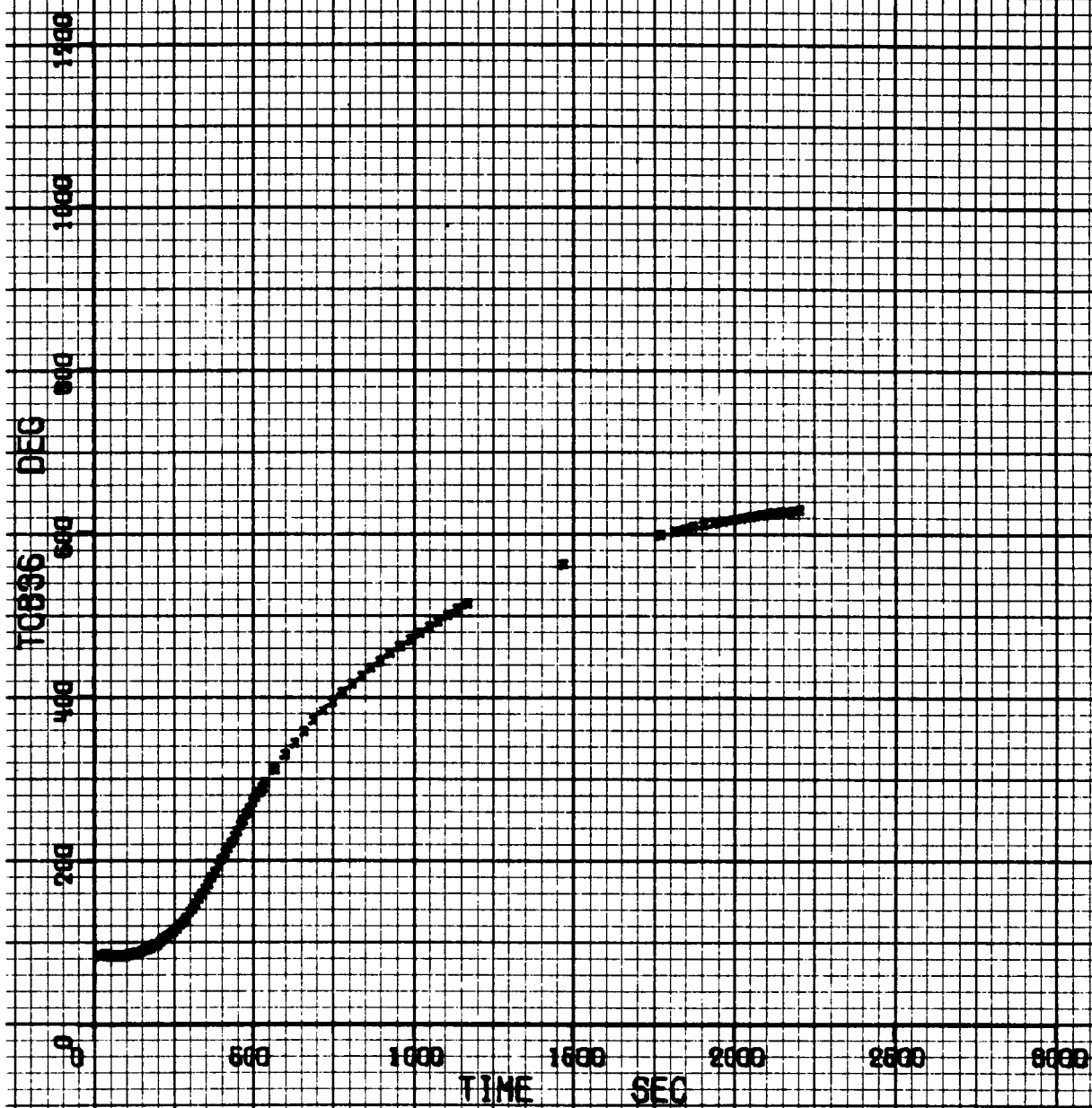
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



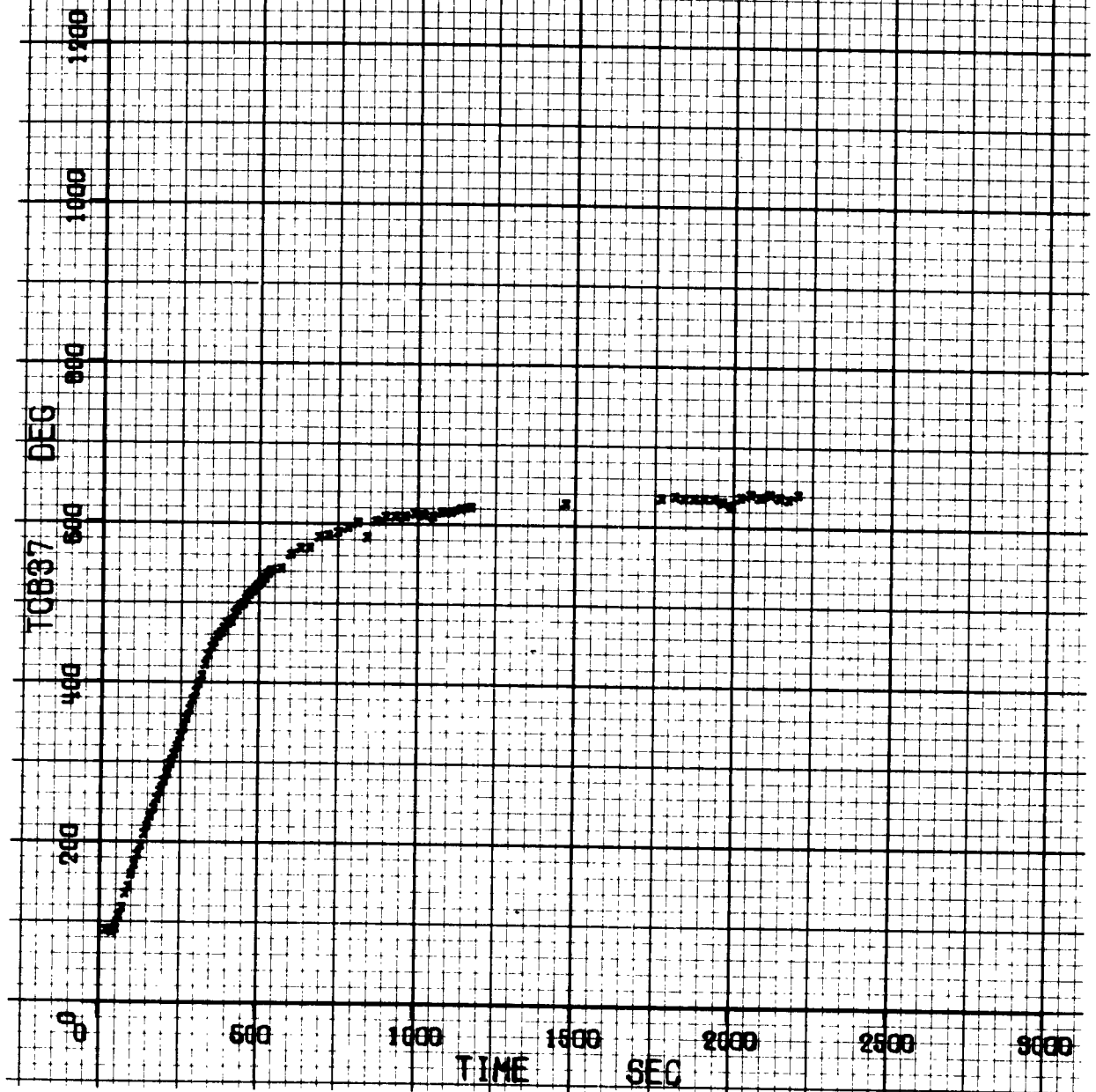
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



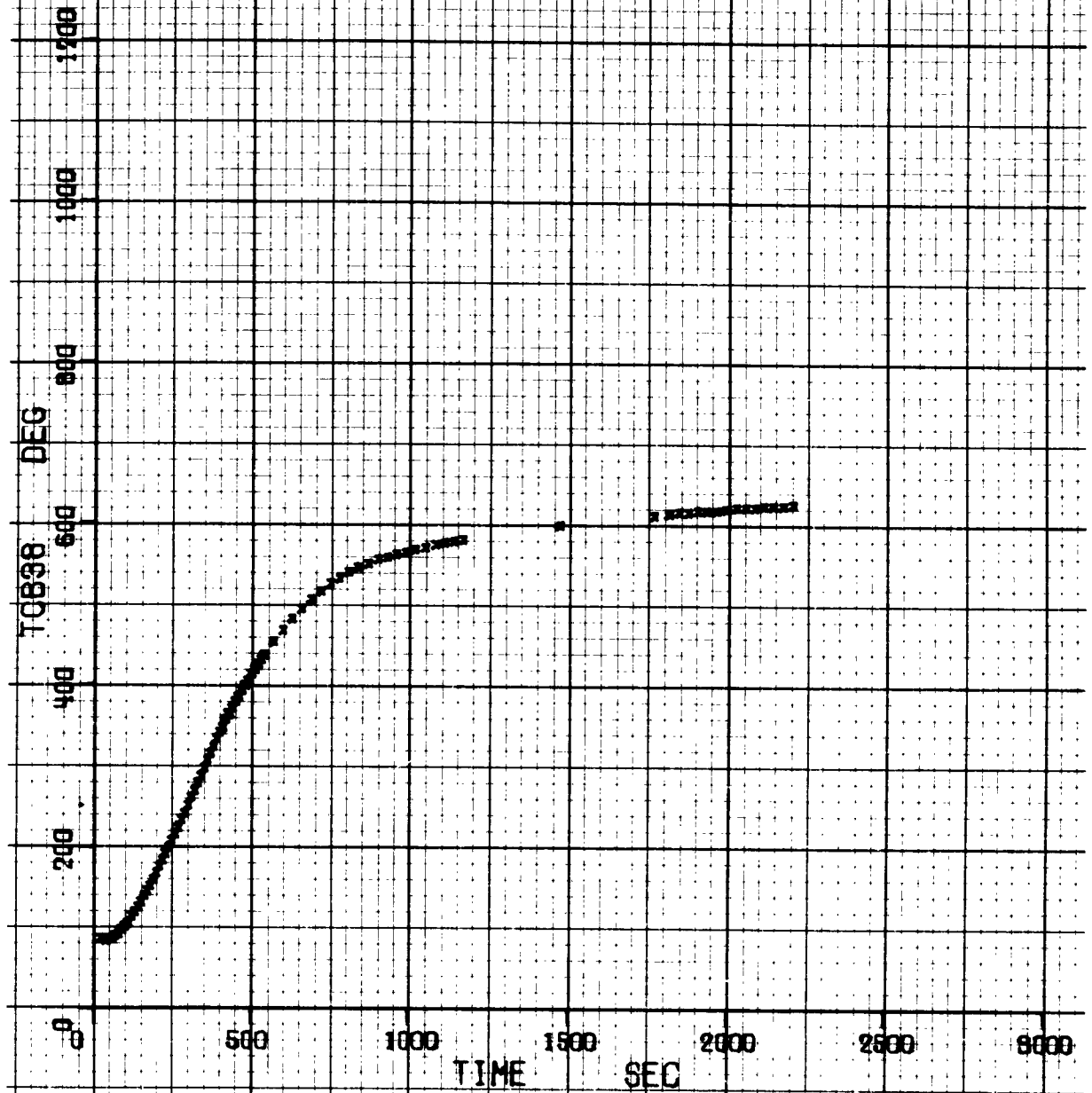
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



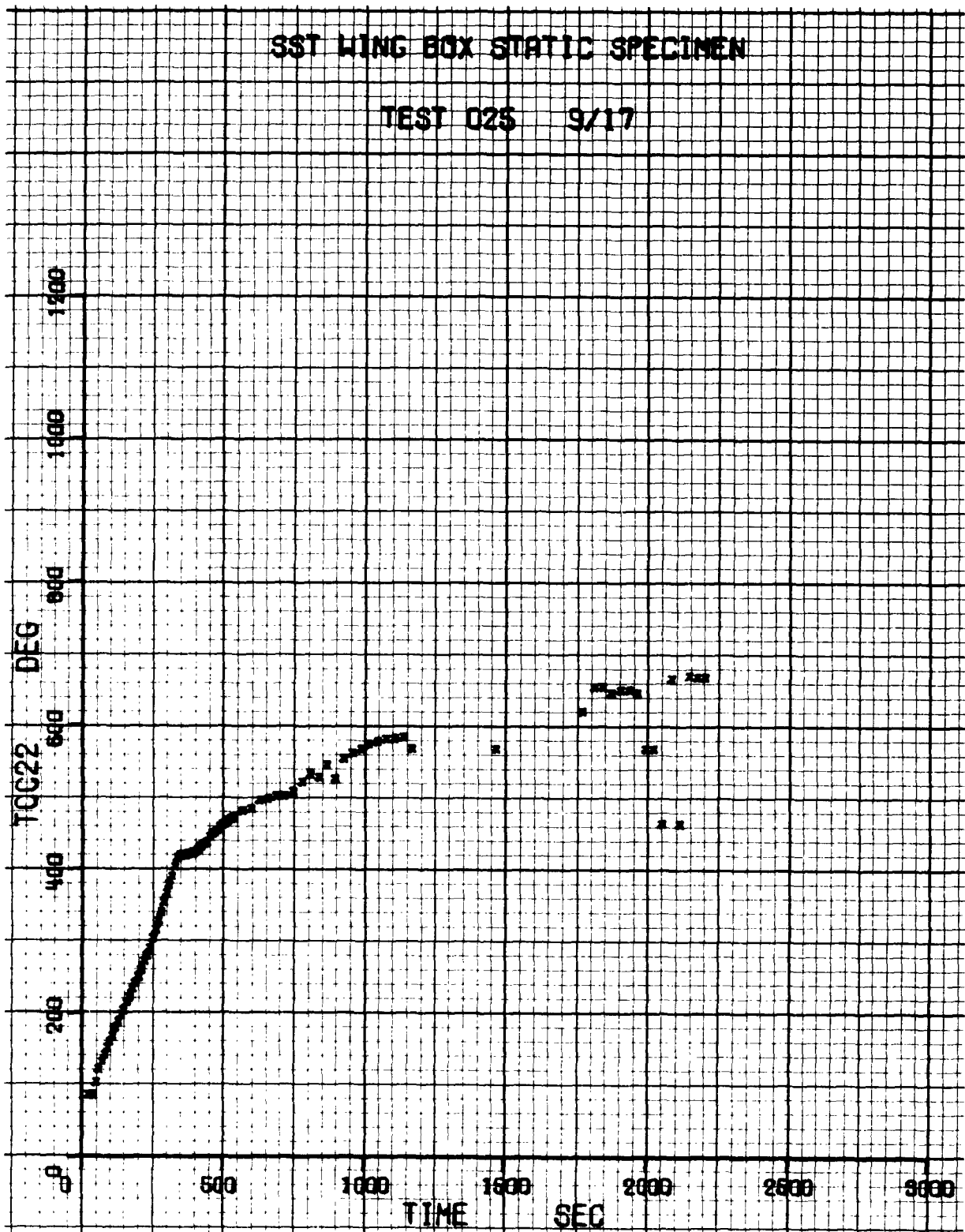
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



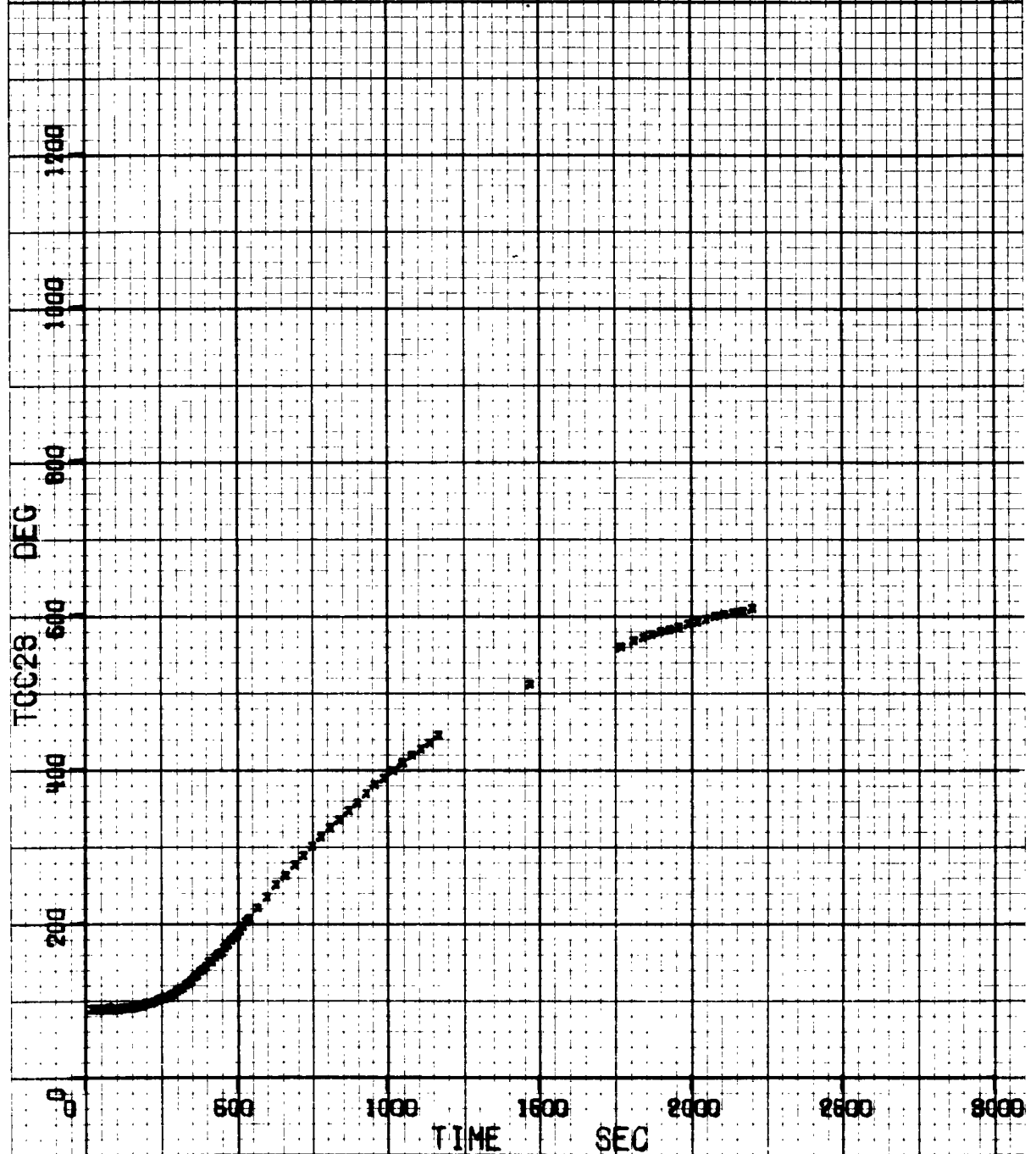
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

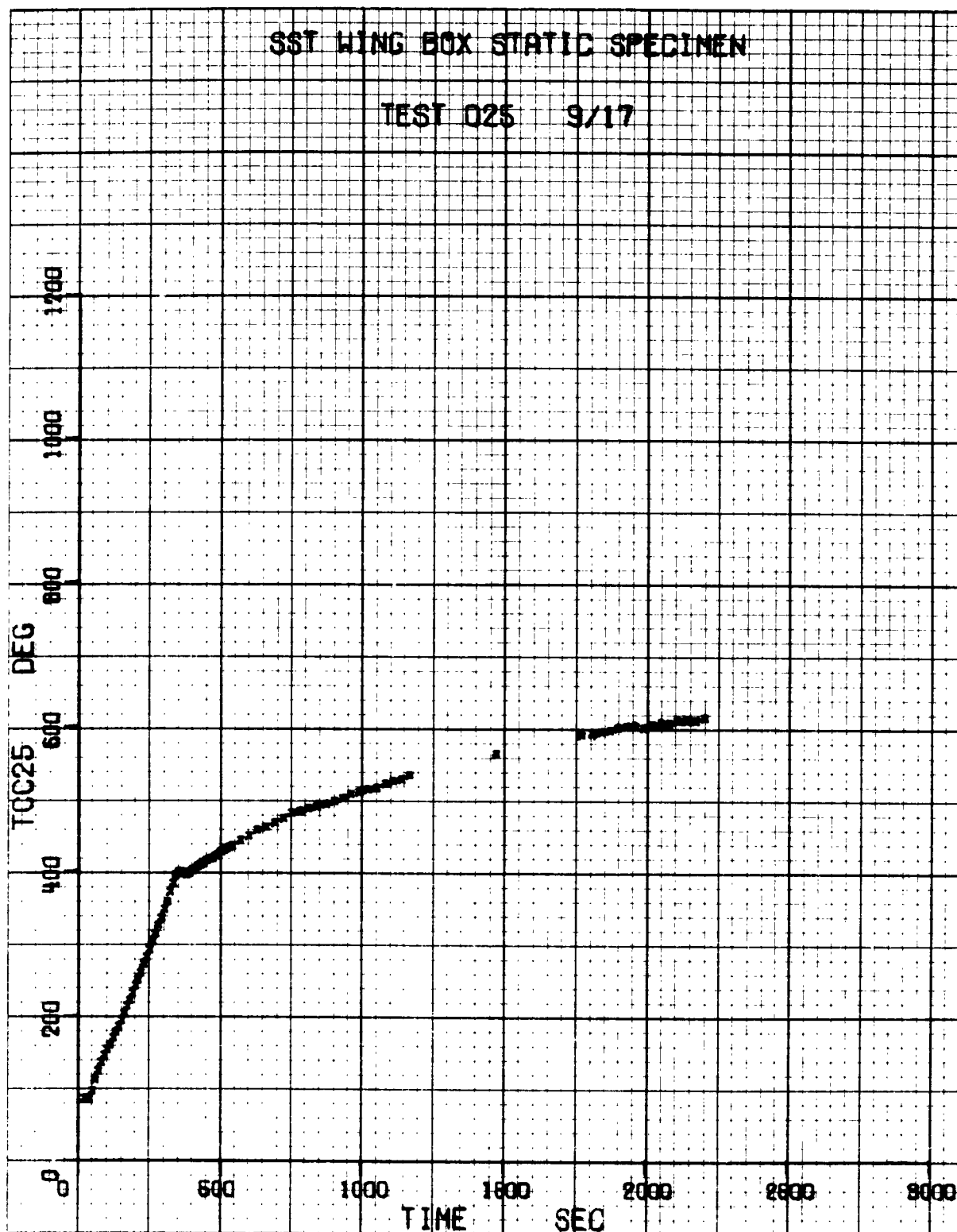


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

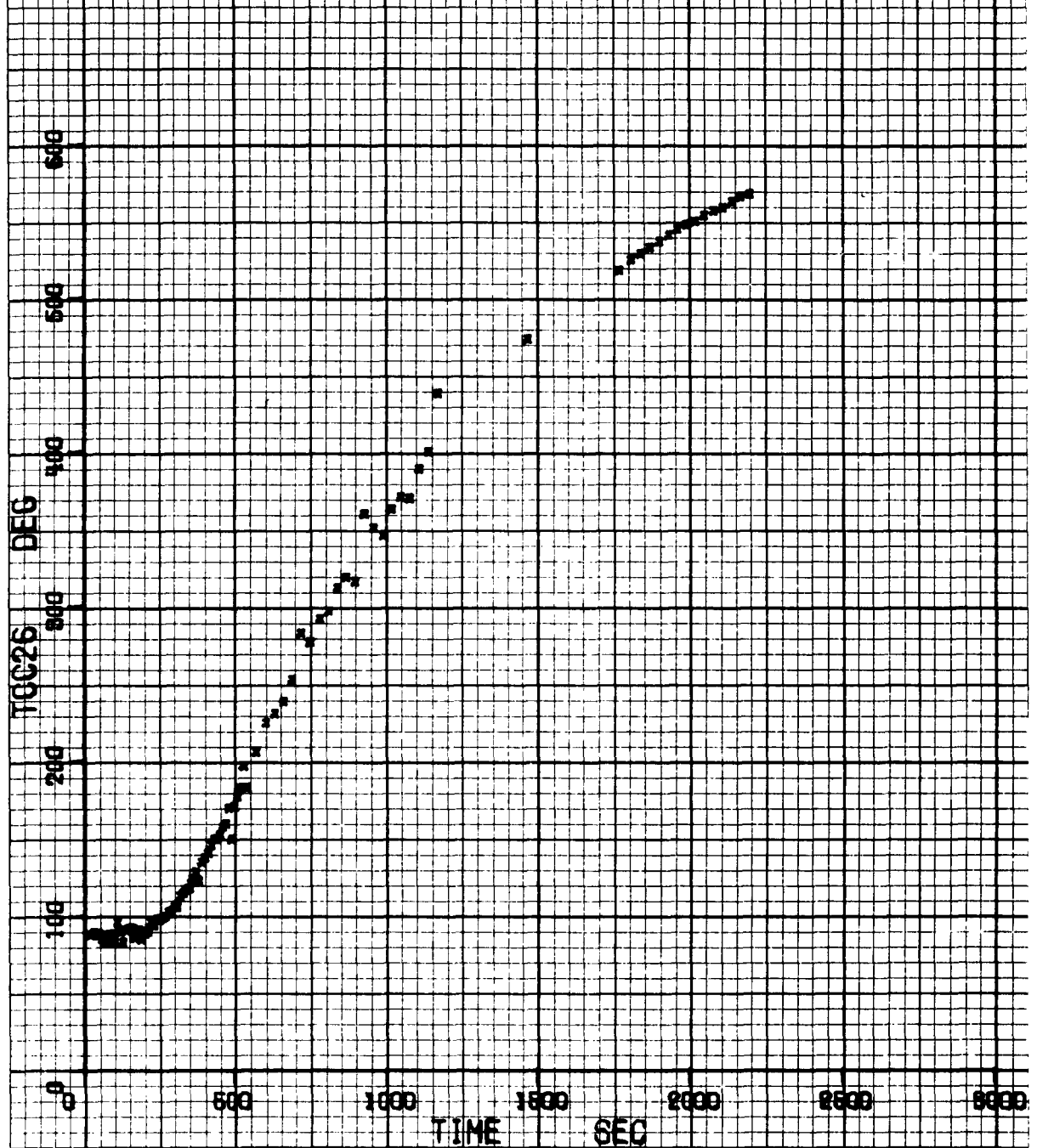






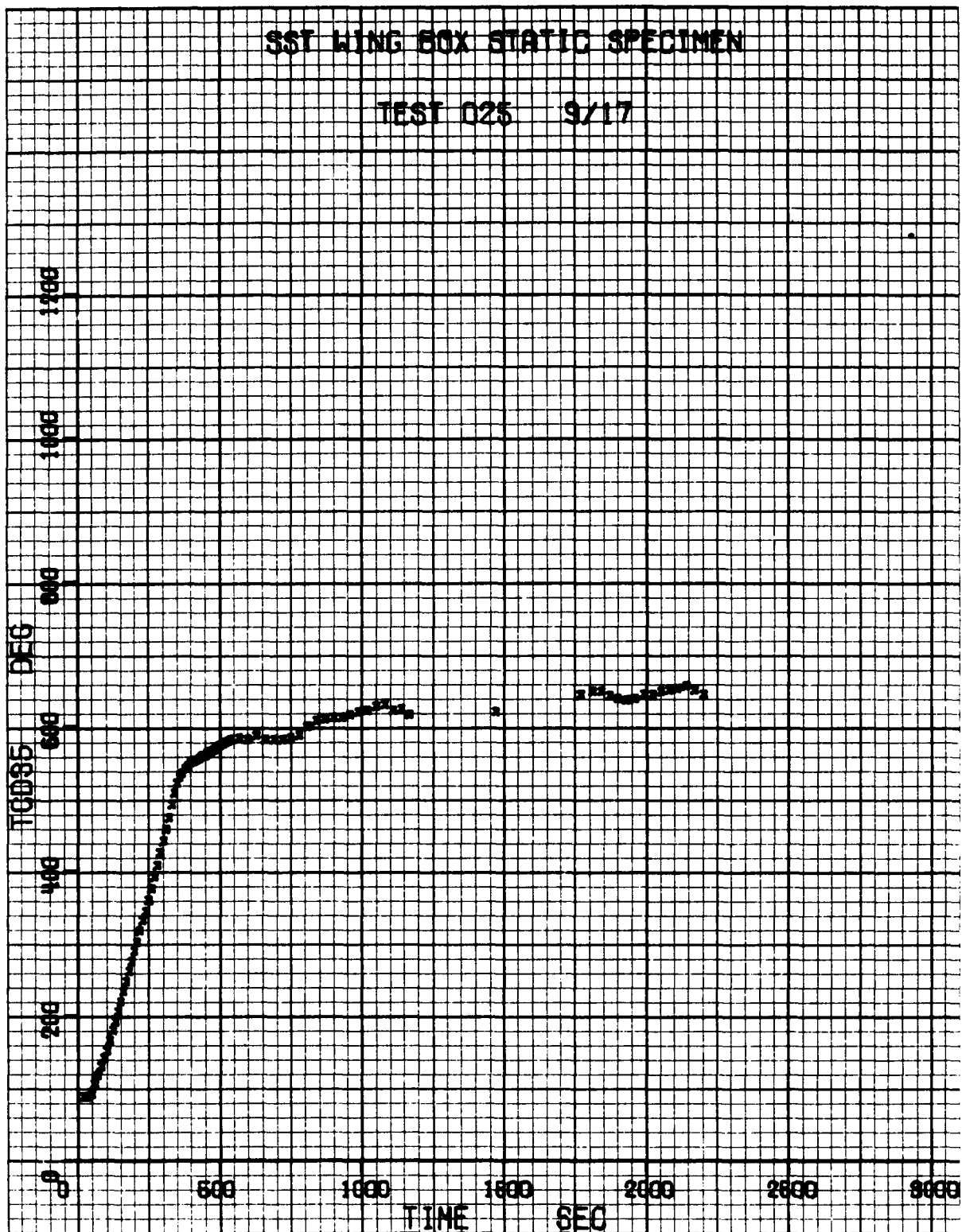
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



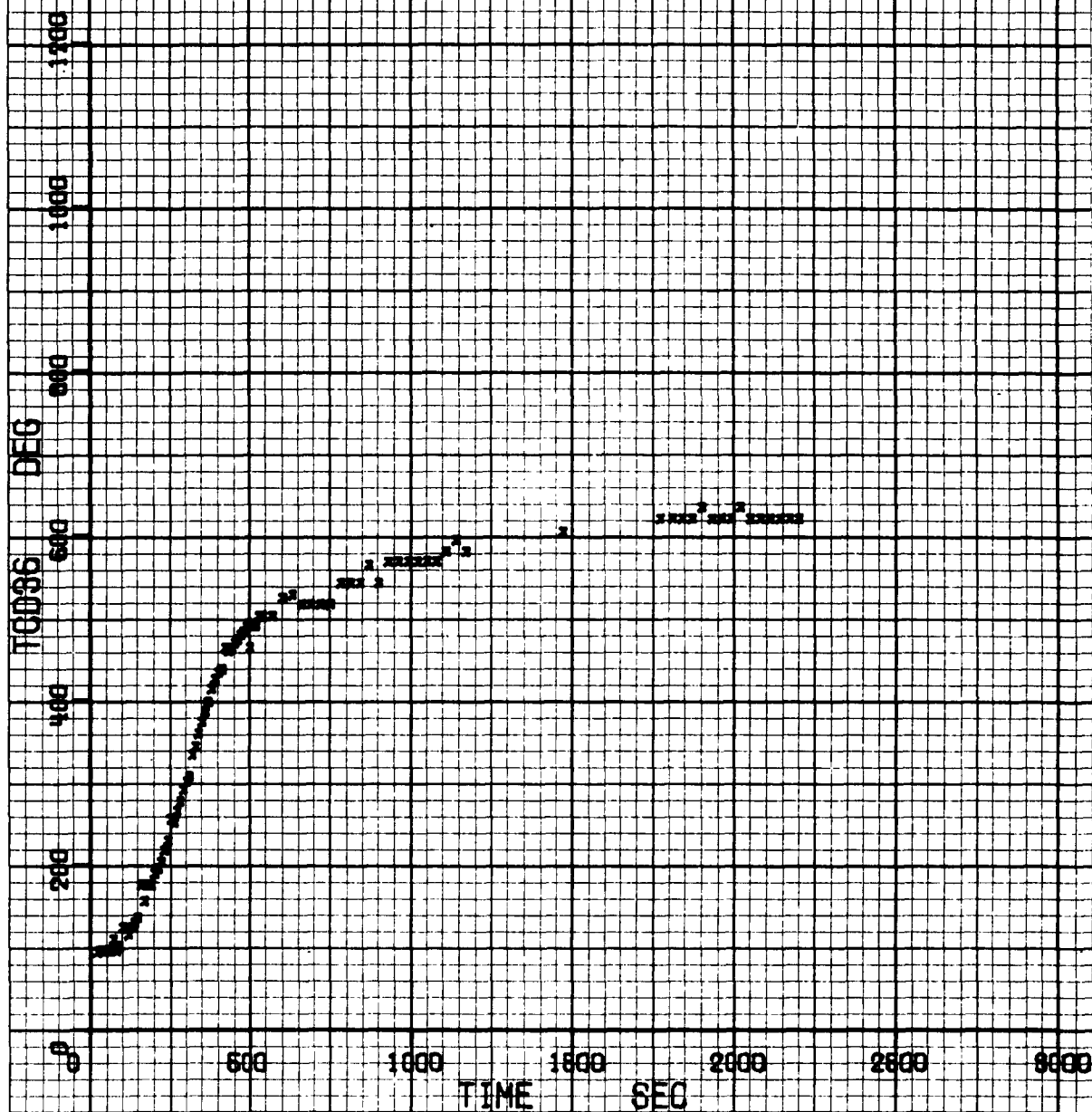
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TEST 025 9/17



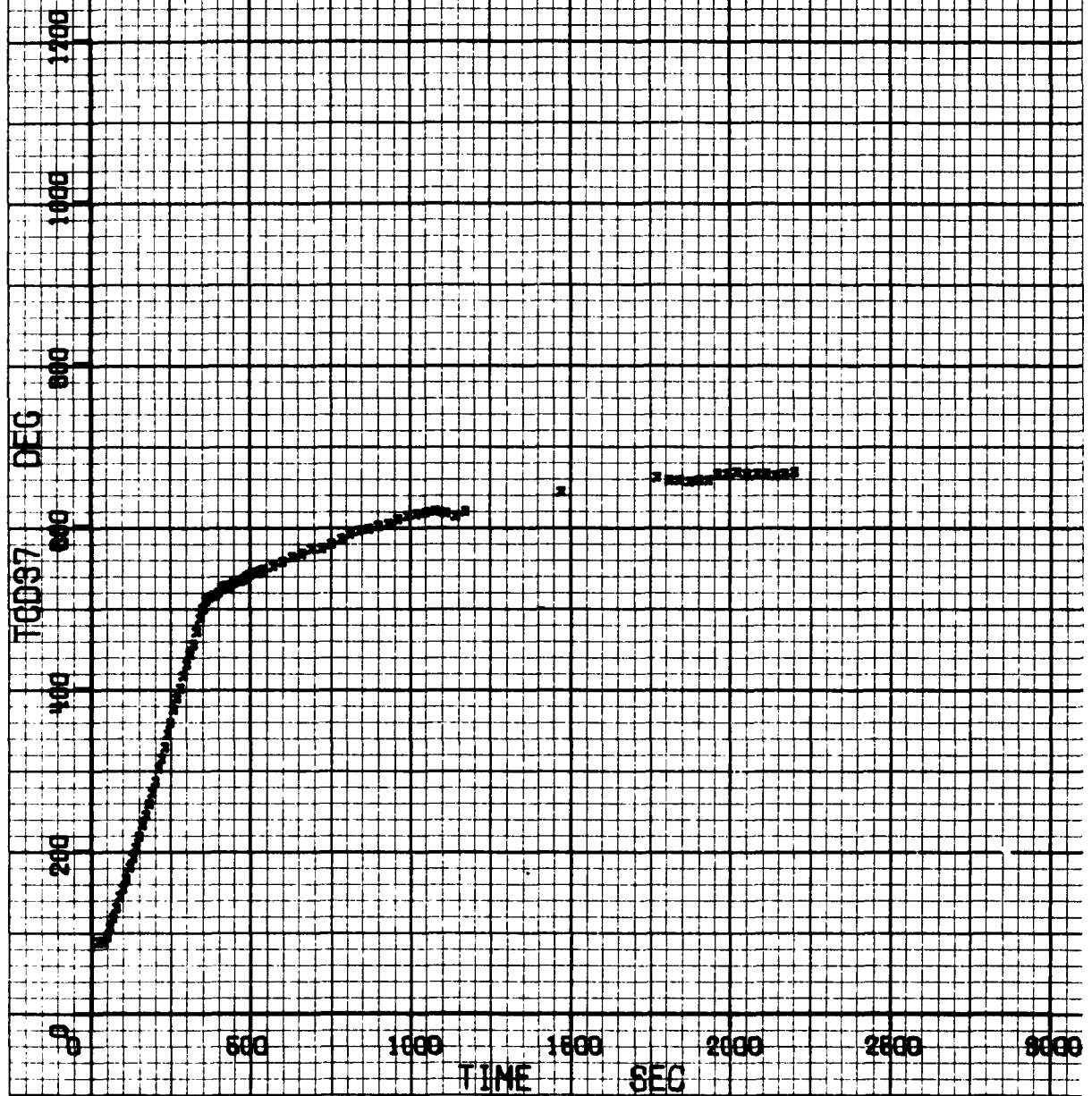
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



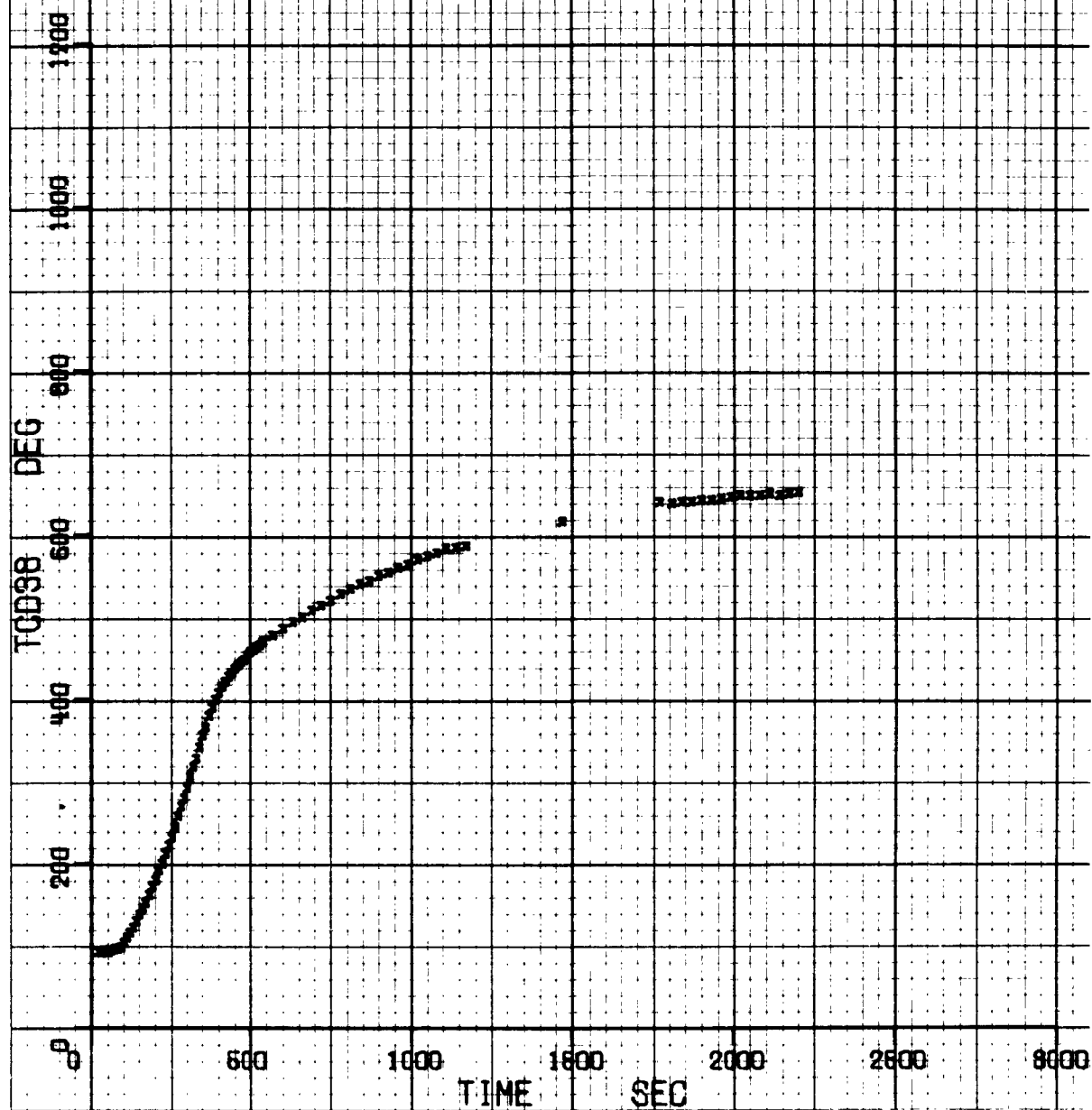
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TEST 025 9/17



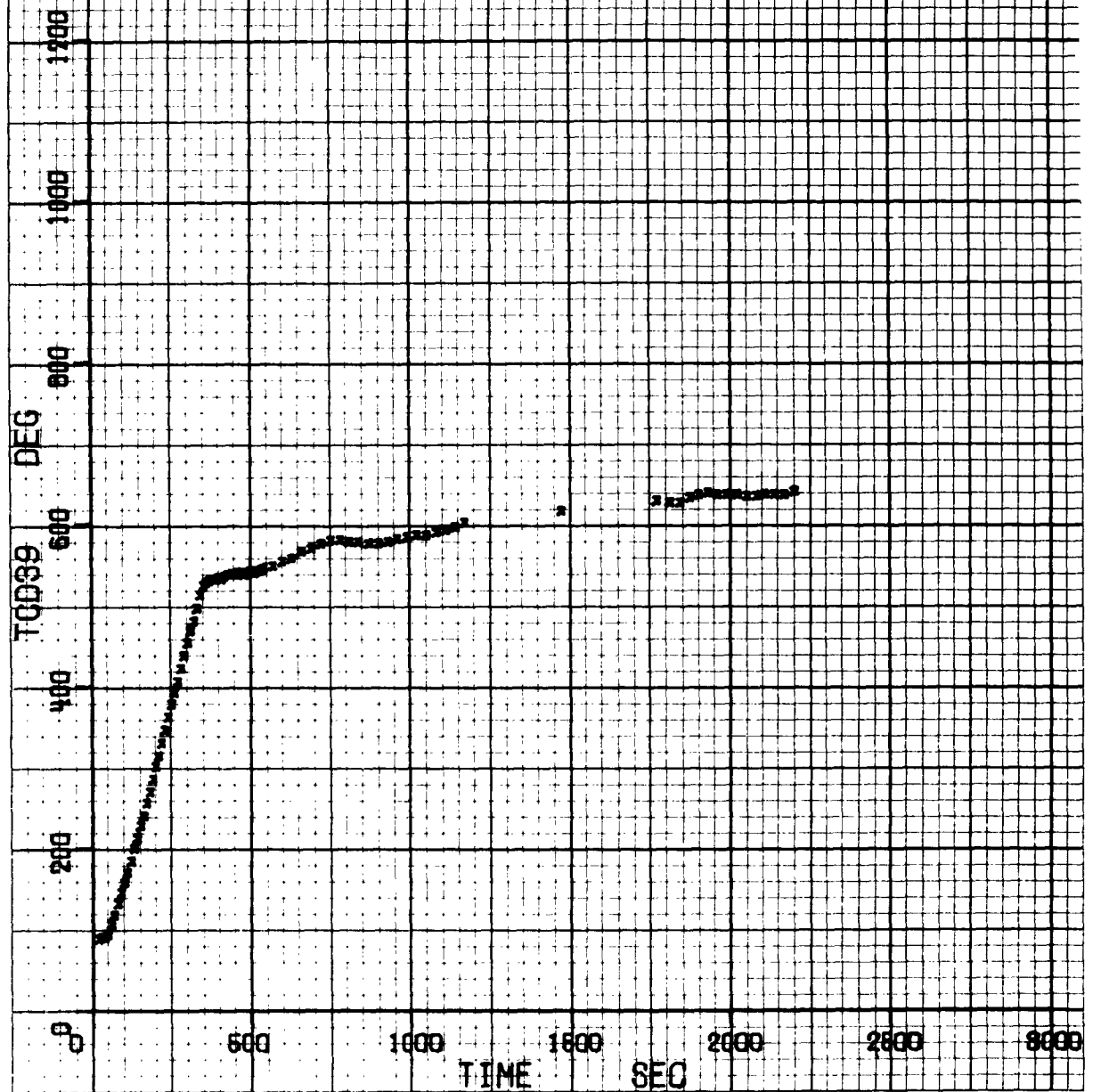
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



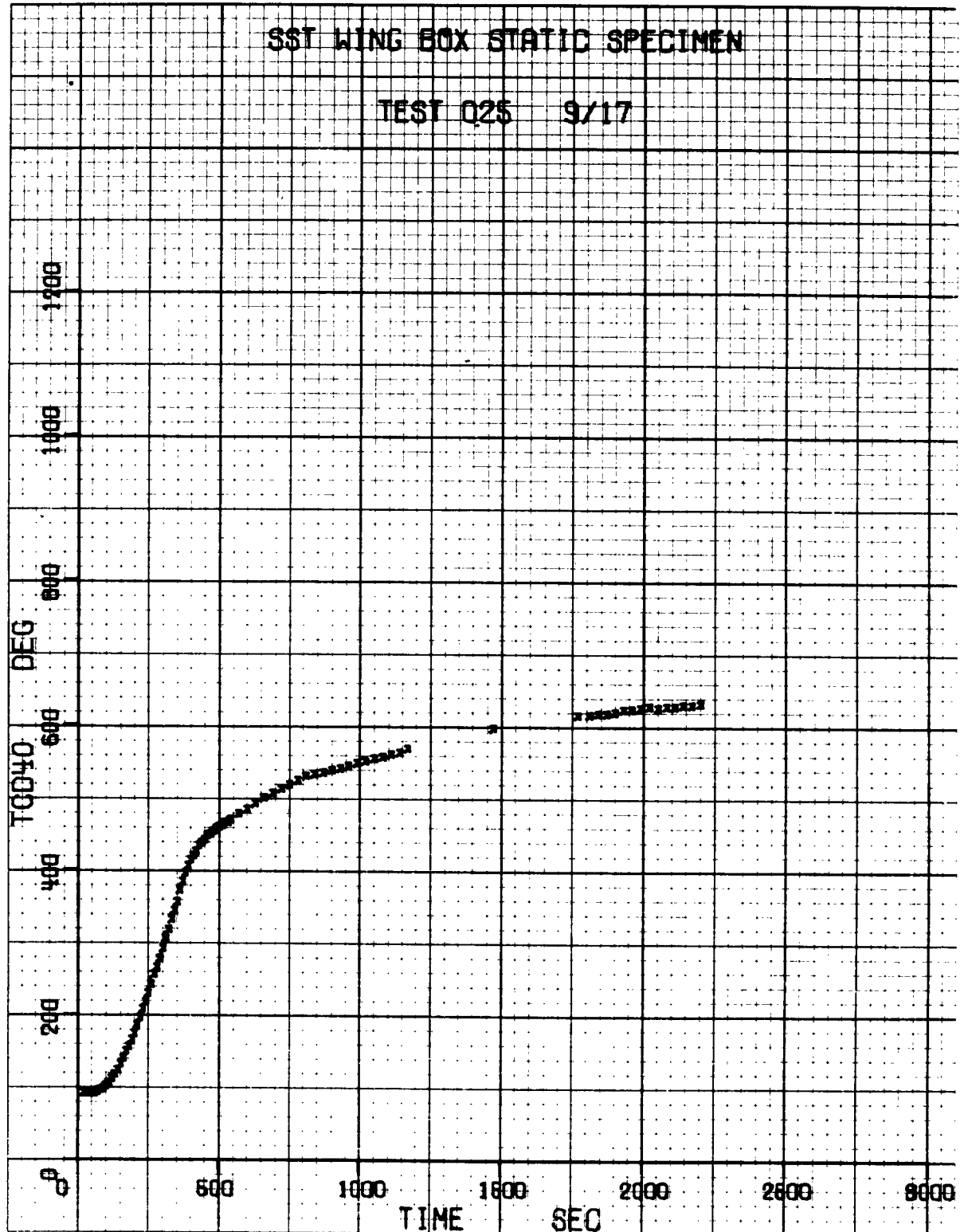
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

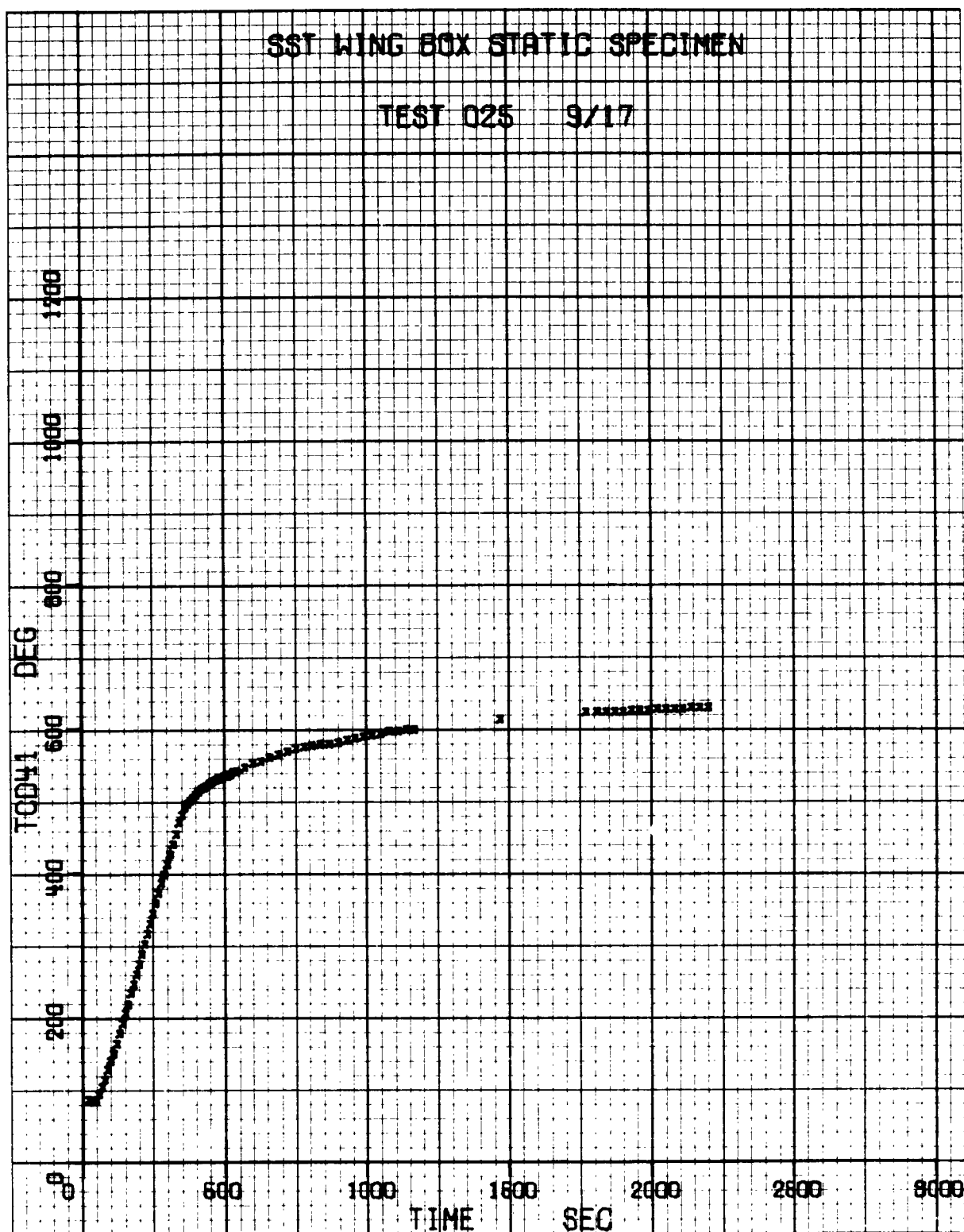


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

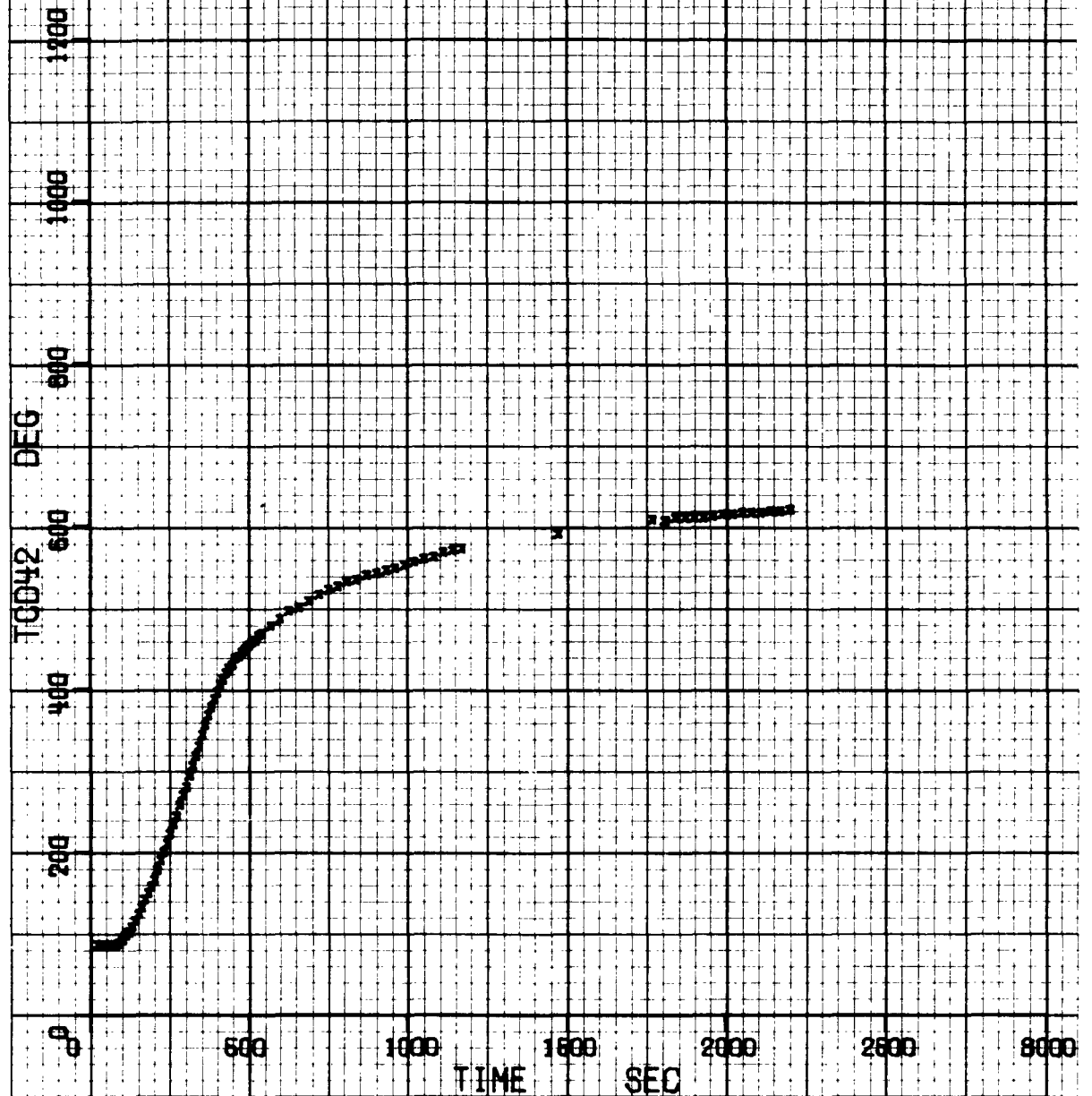


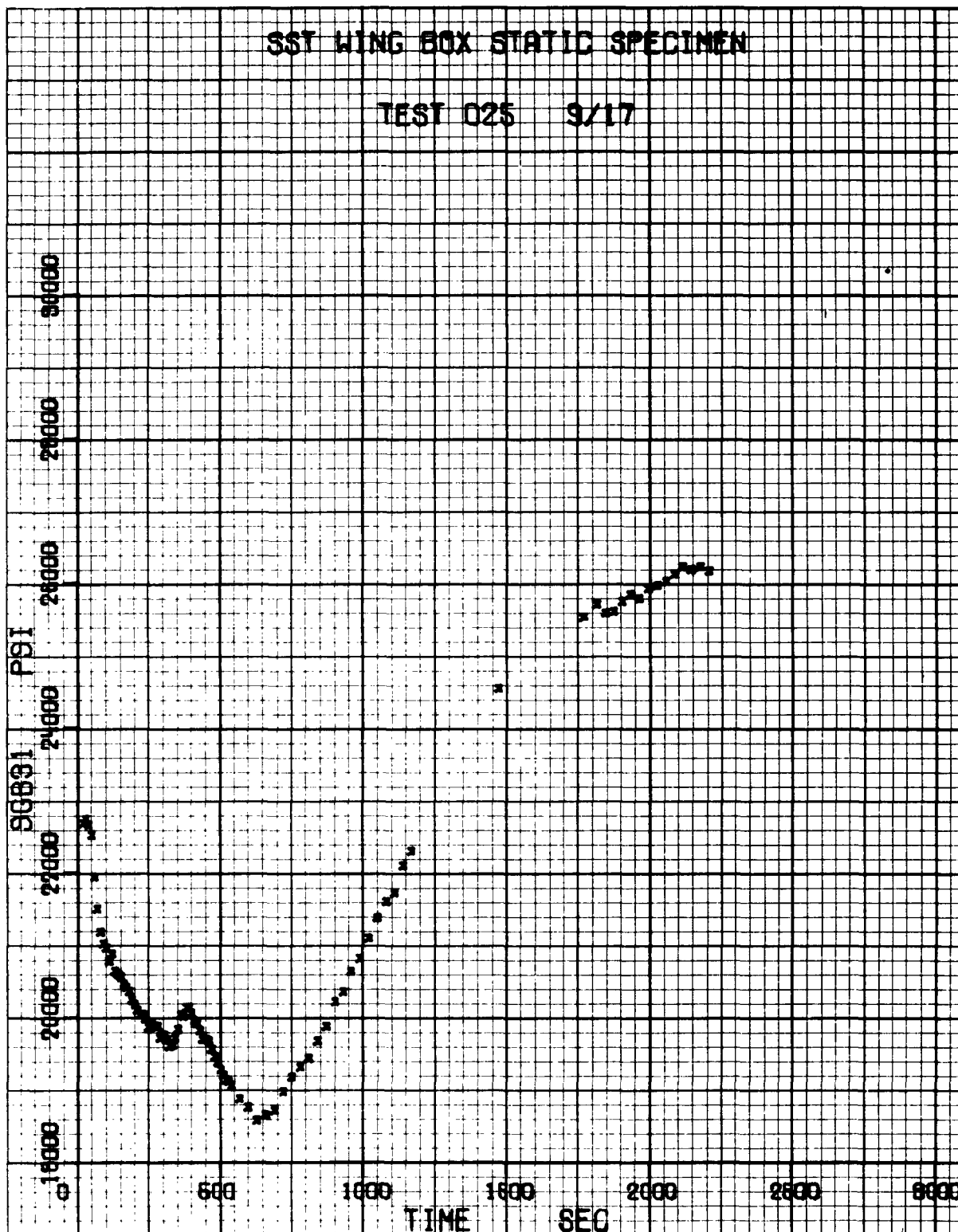




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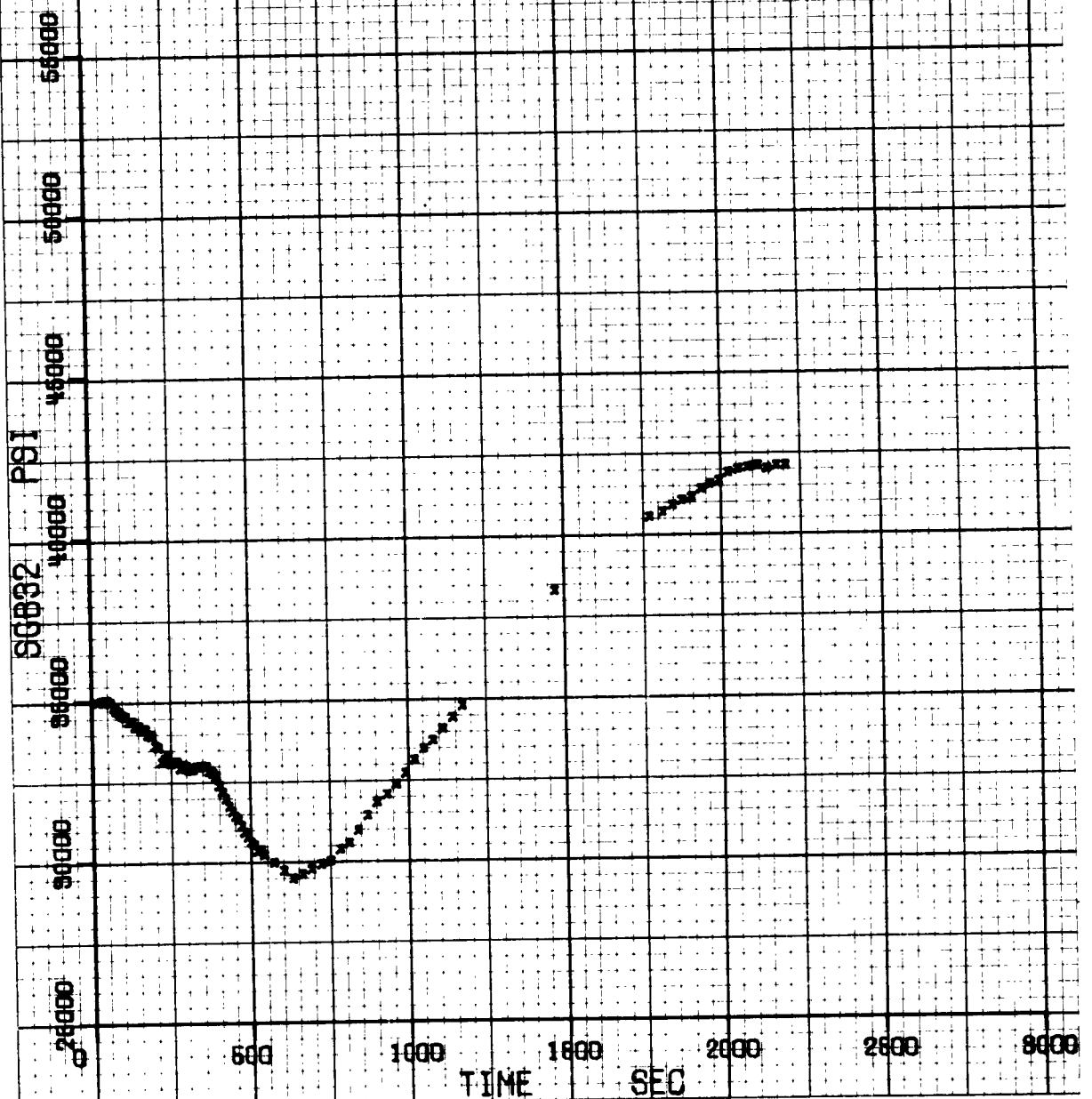
TEST 025 9/17

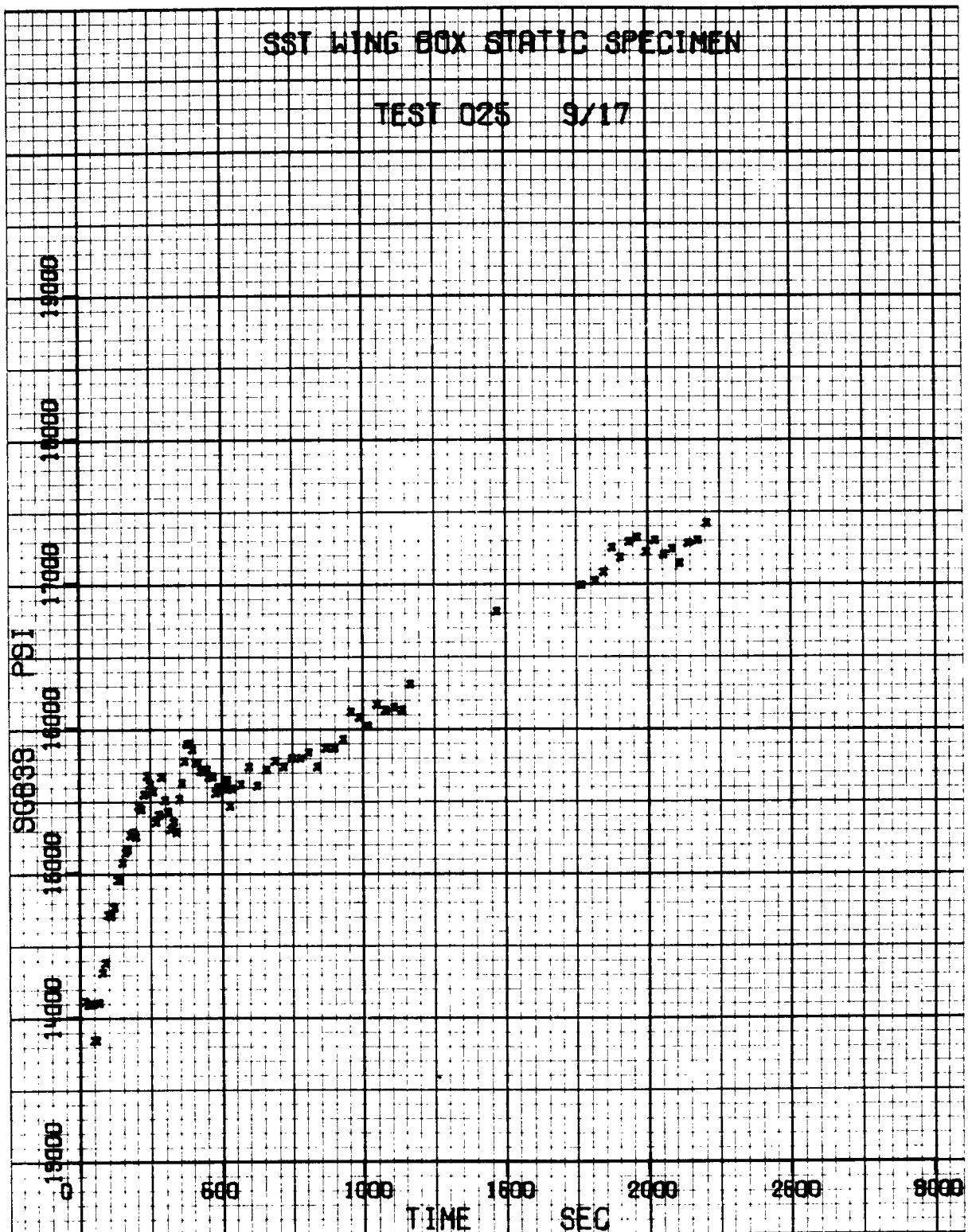




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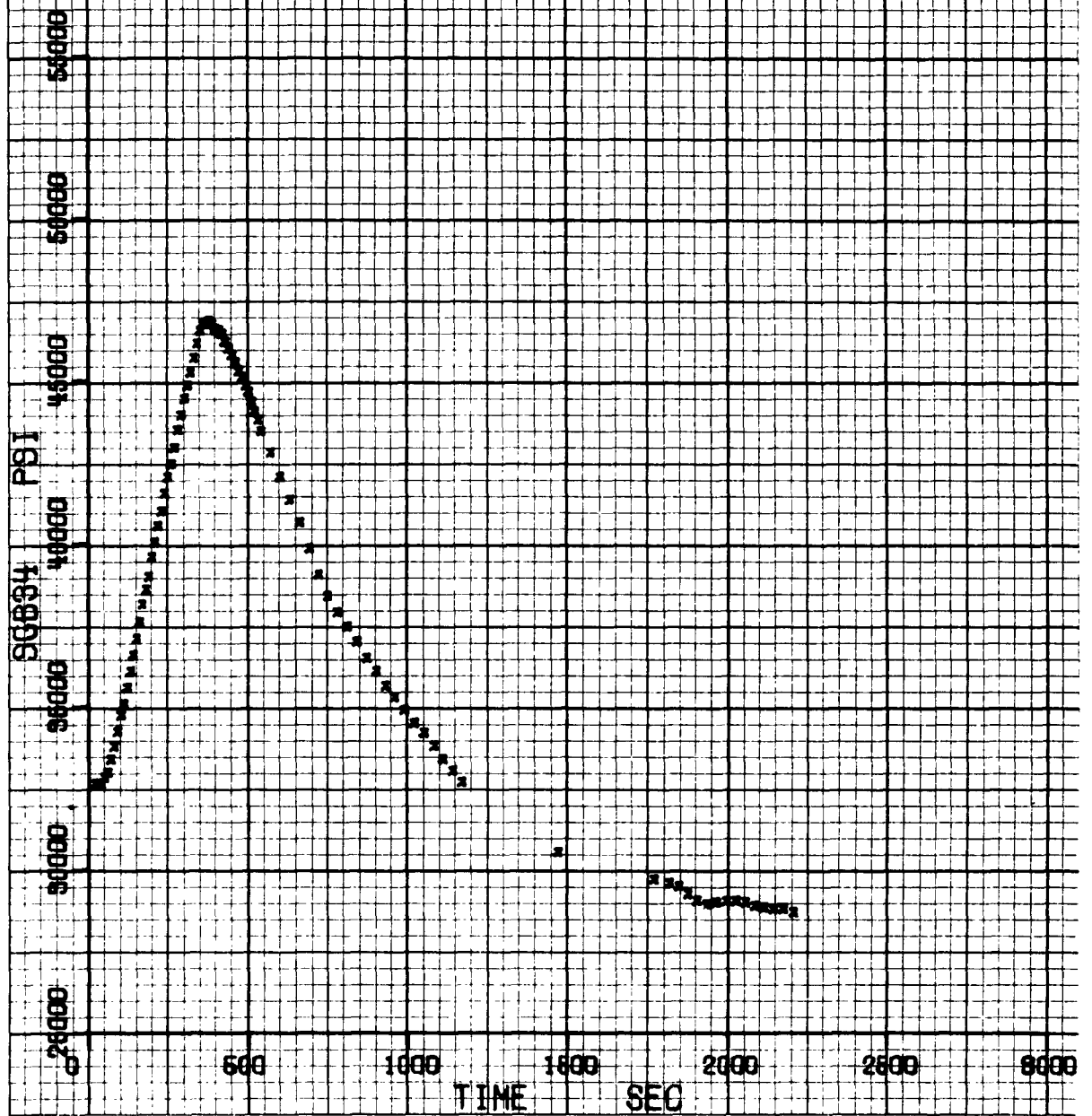
TEST 025 9/17

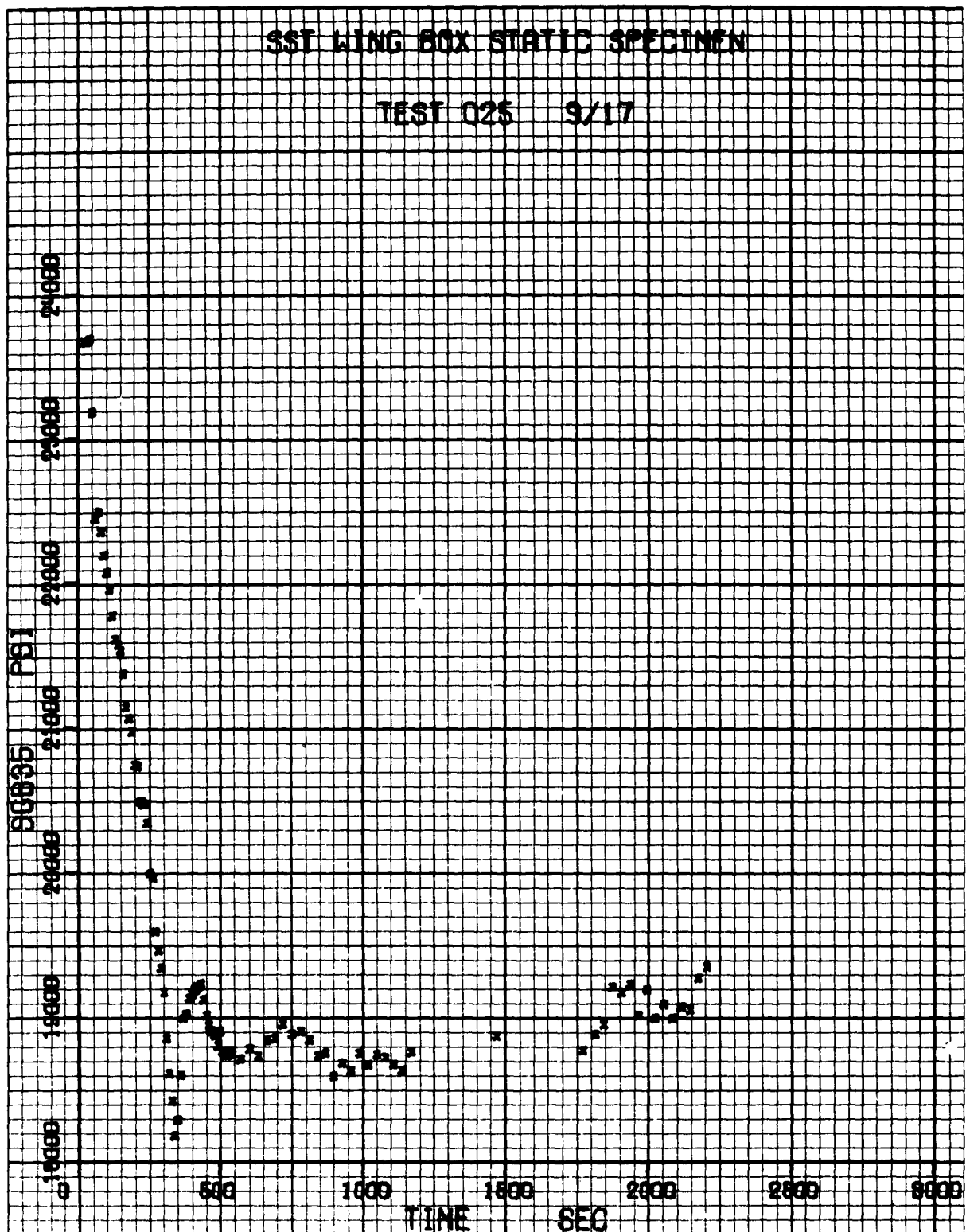




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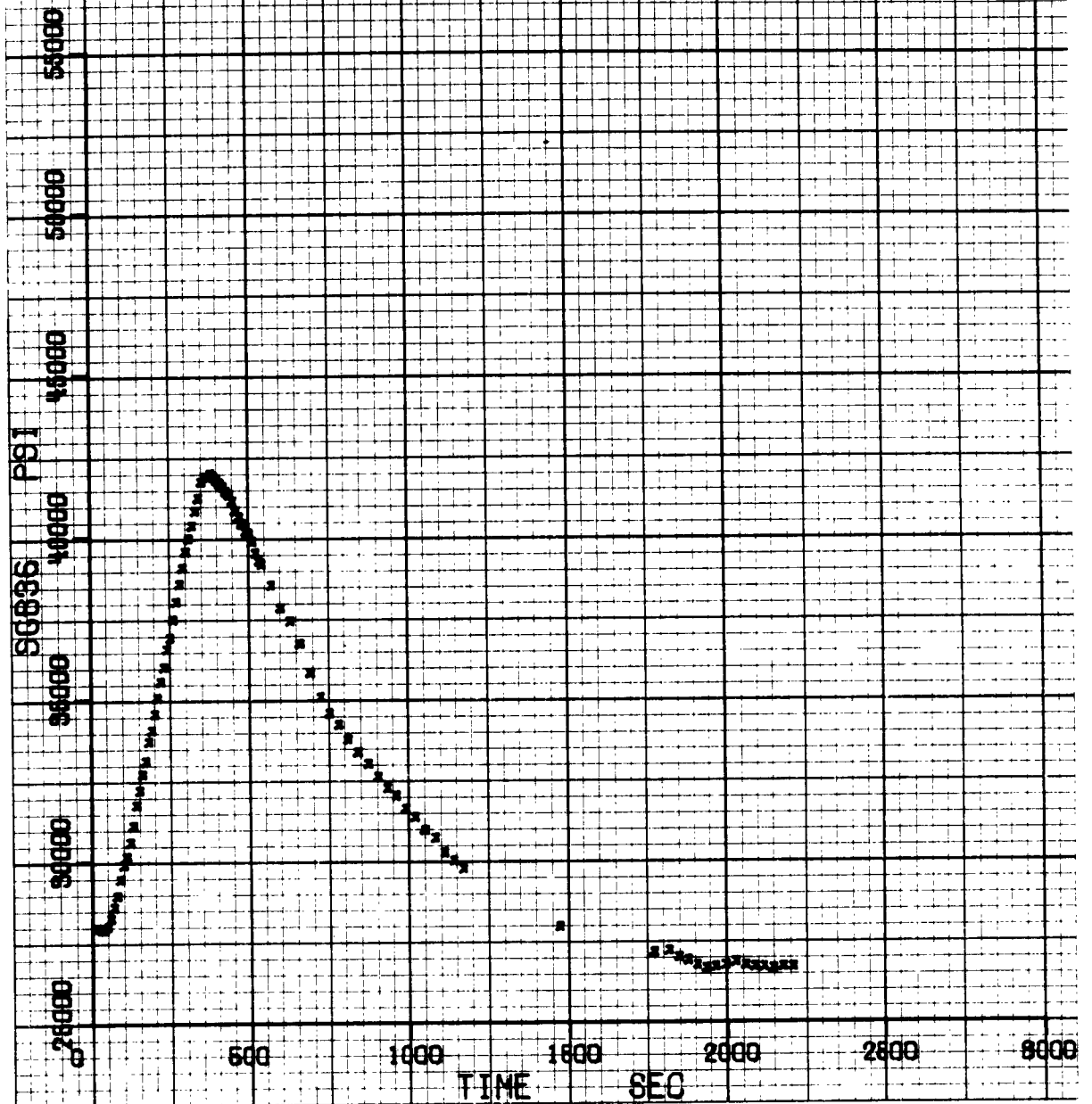
TEST 025 9/17





# SST WING BOX STATIC SPECIMEN

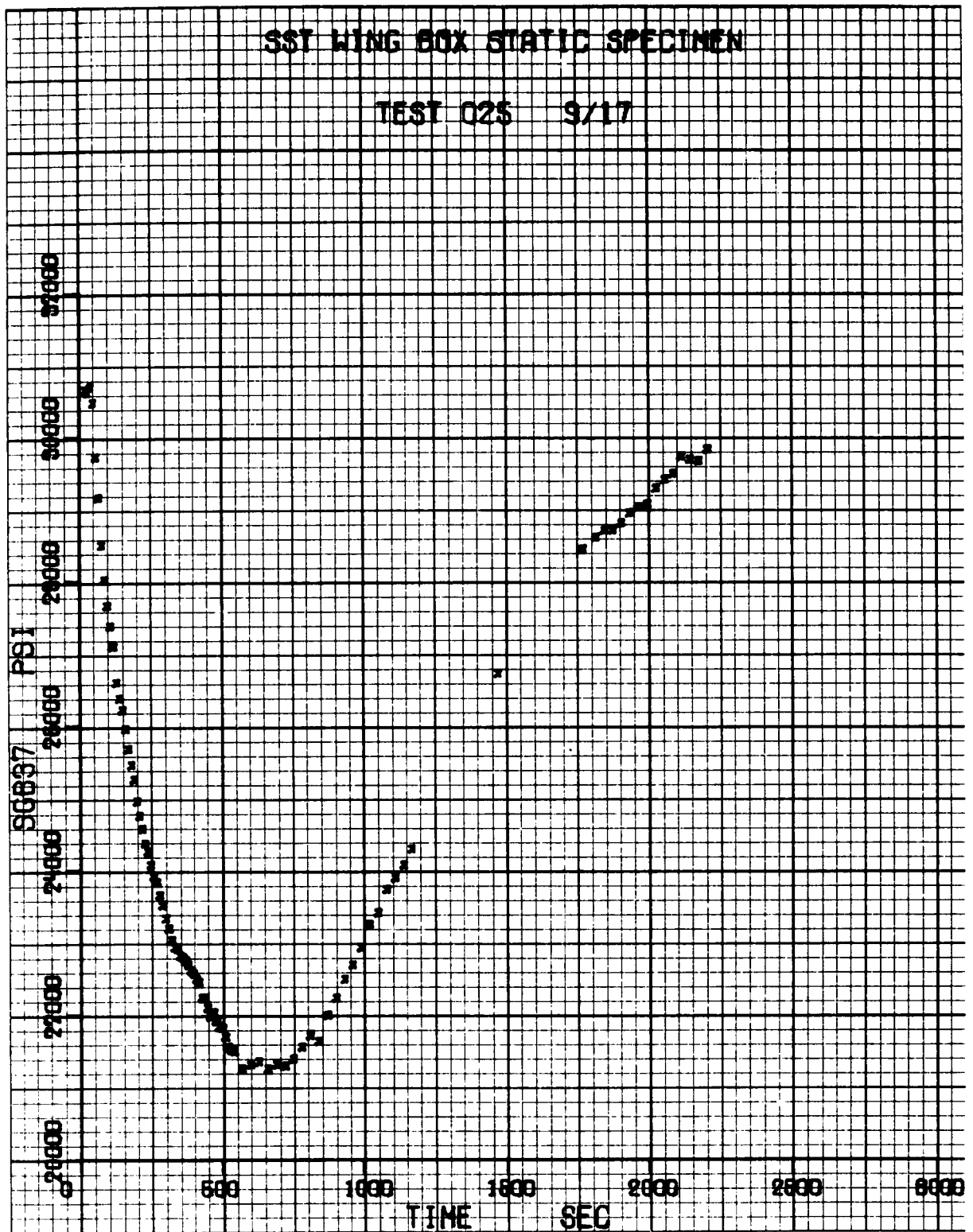
TEST 025 9/17

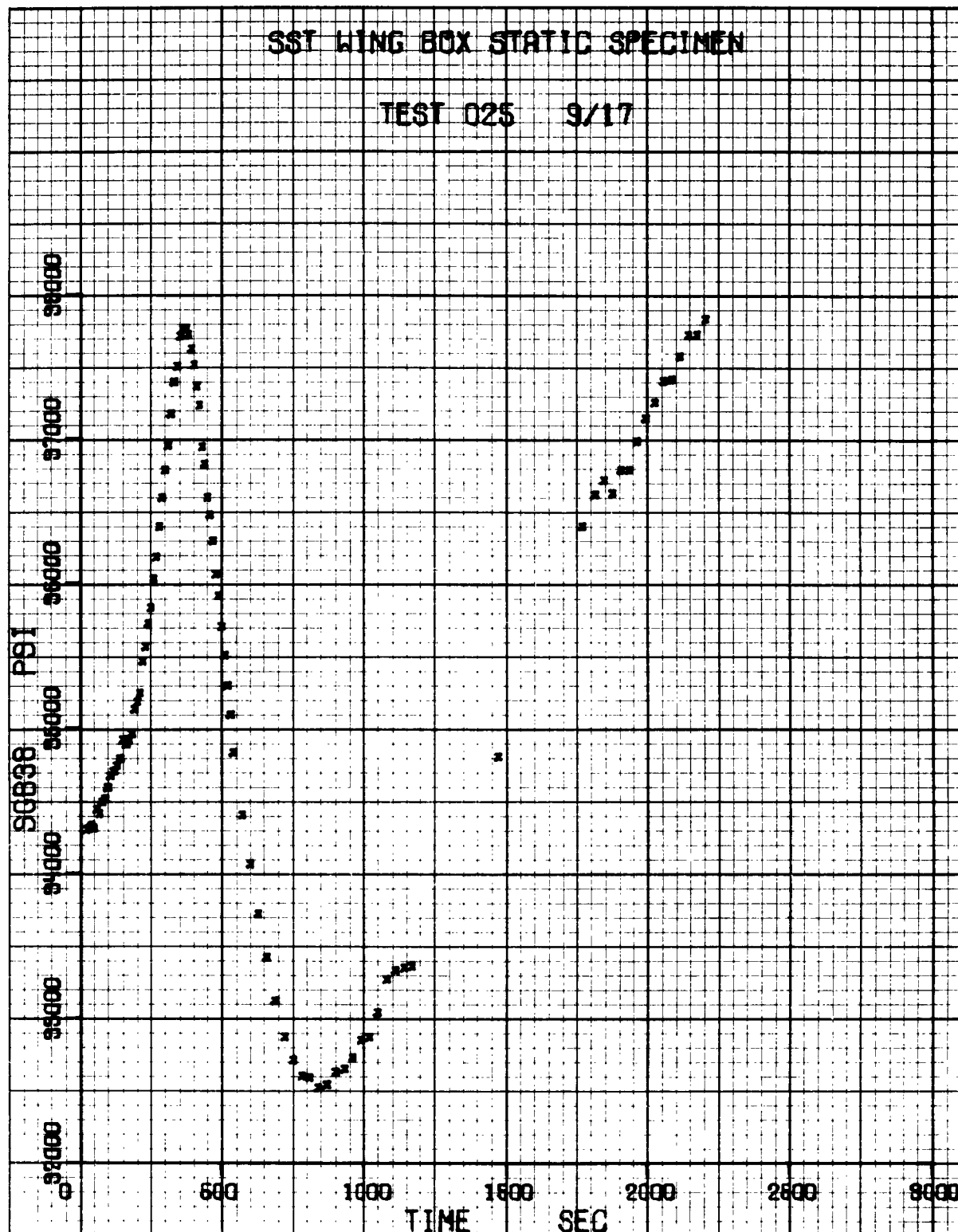




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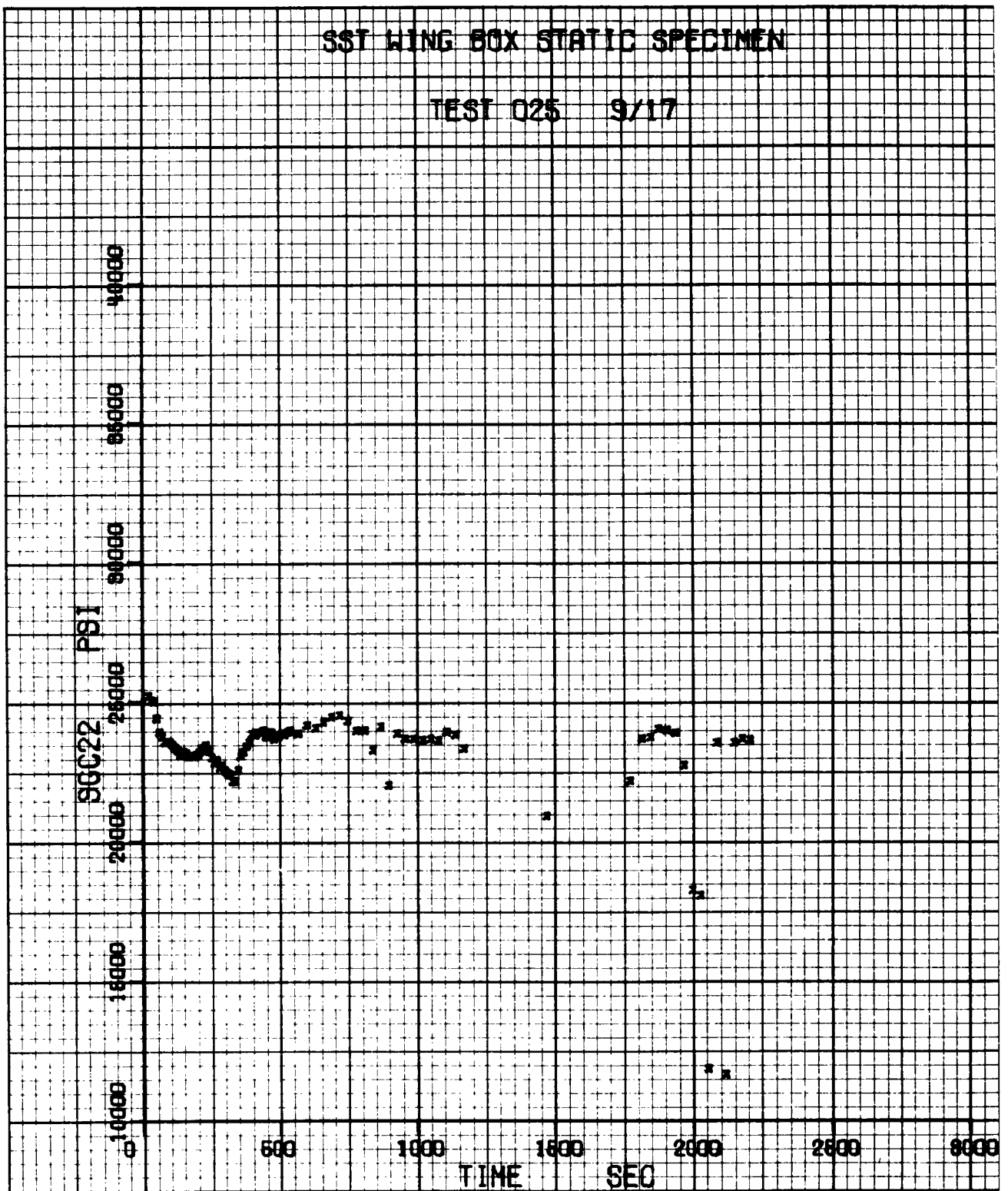
TEST 025 9/17





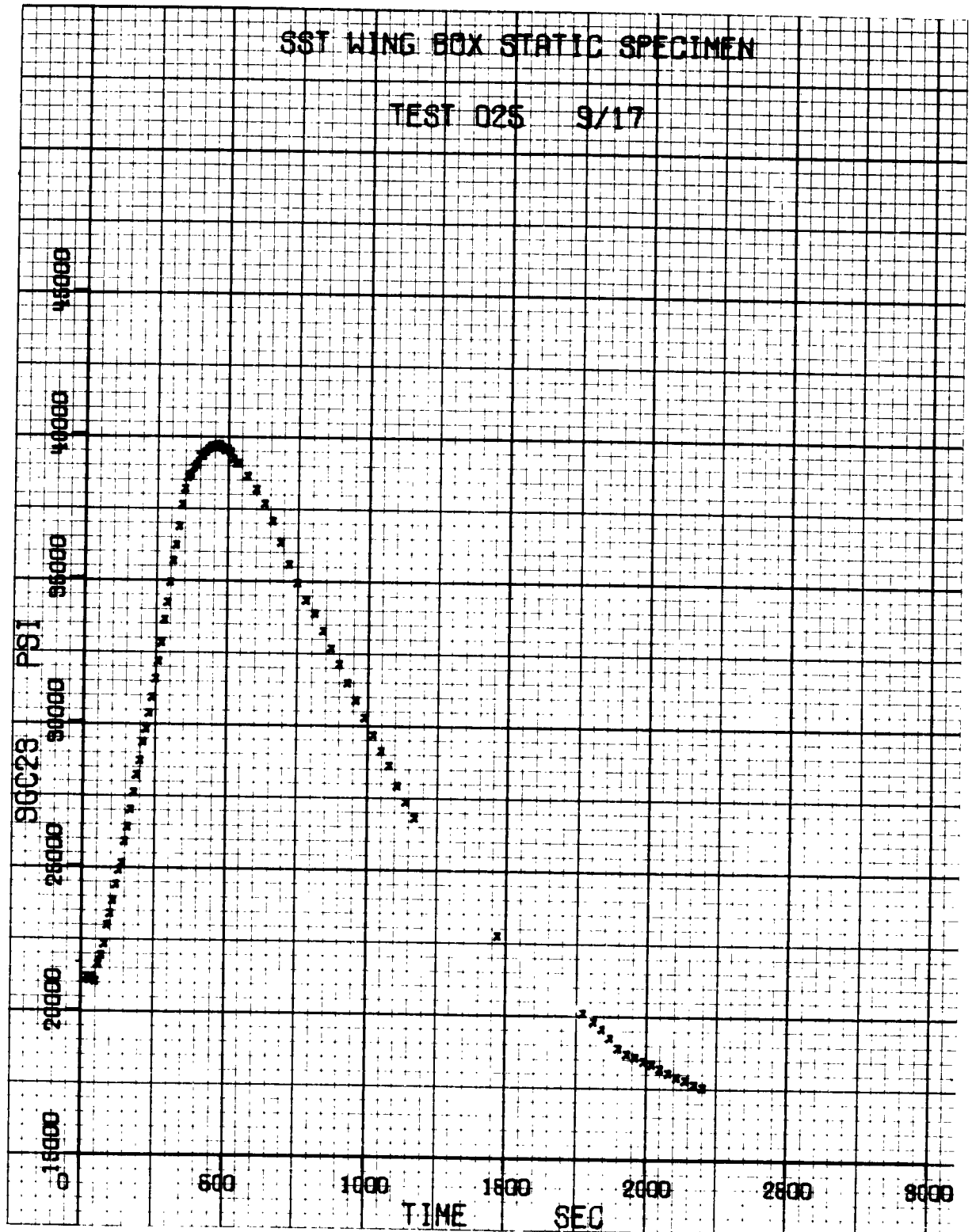
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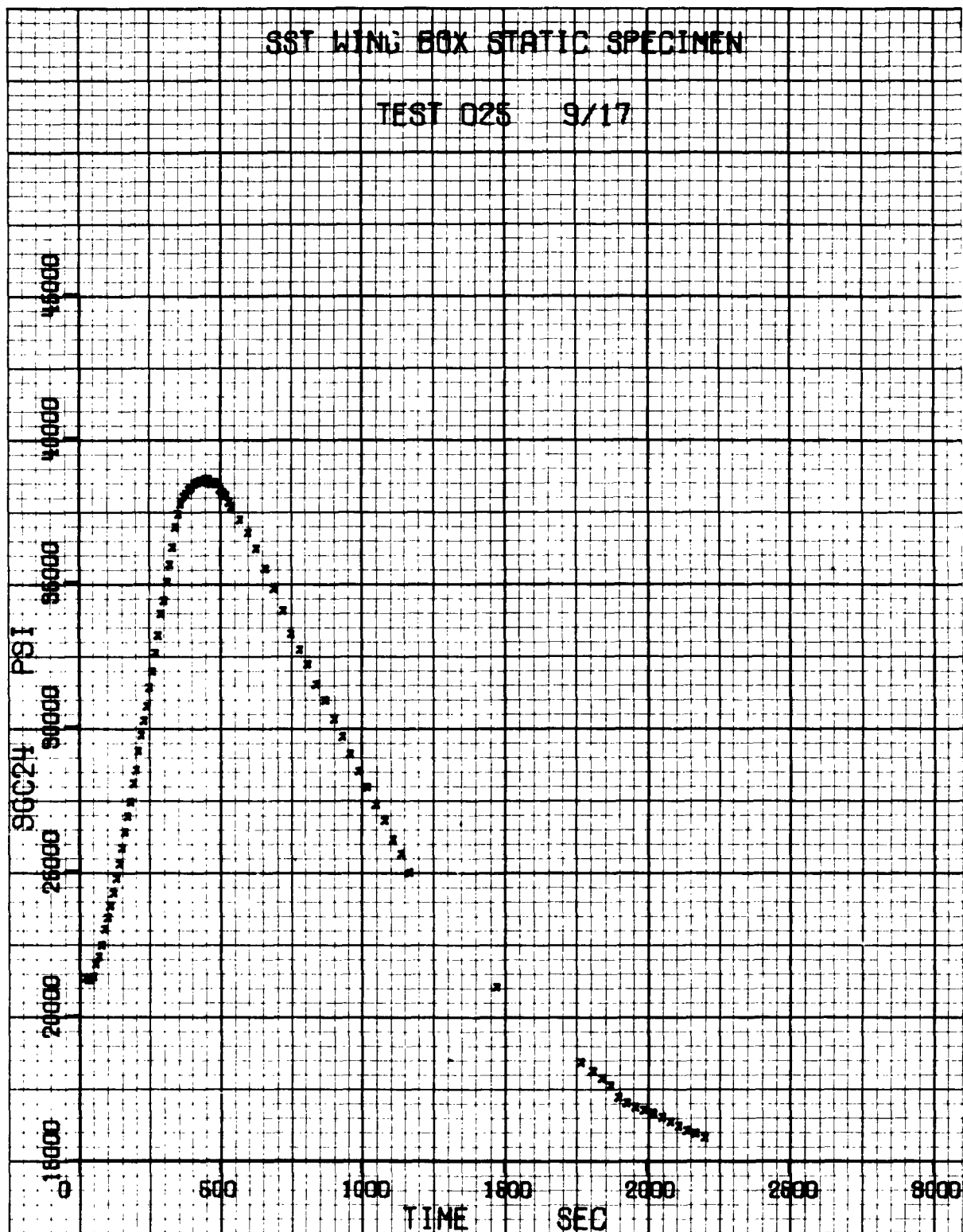
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

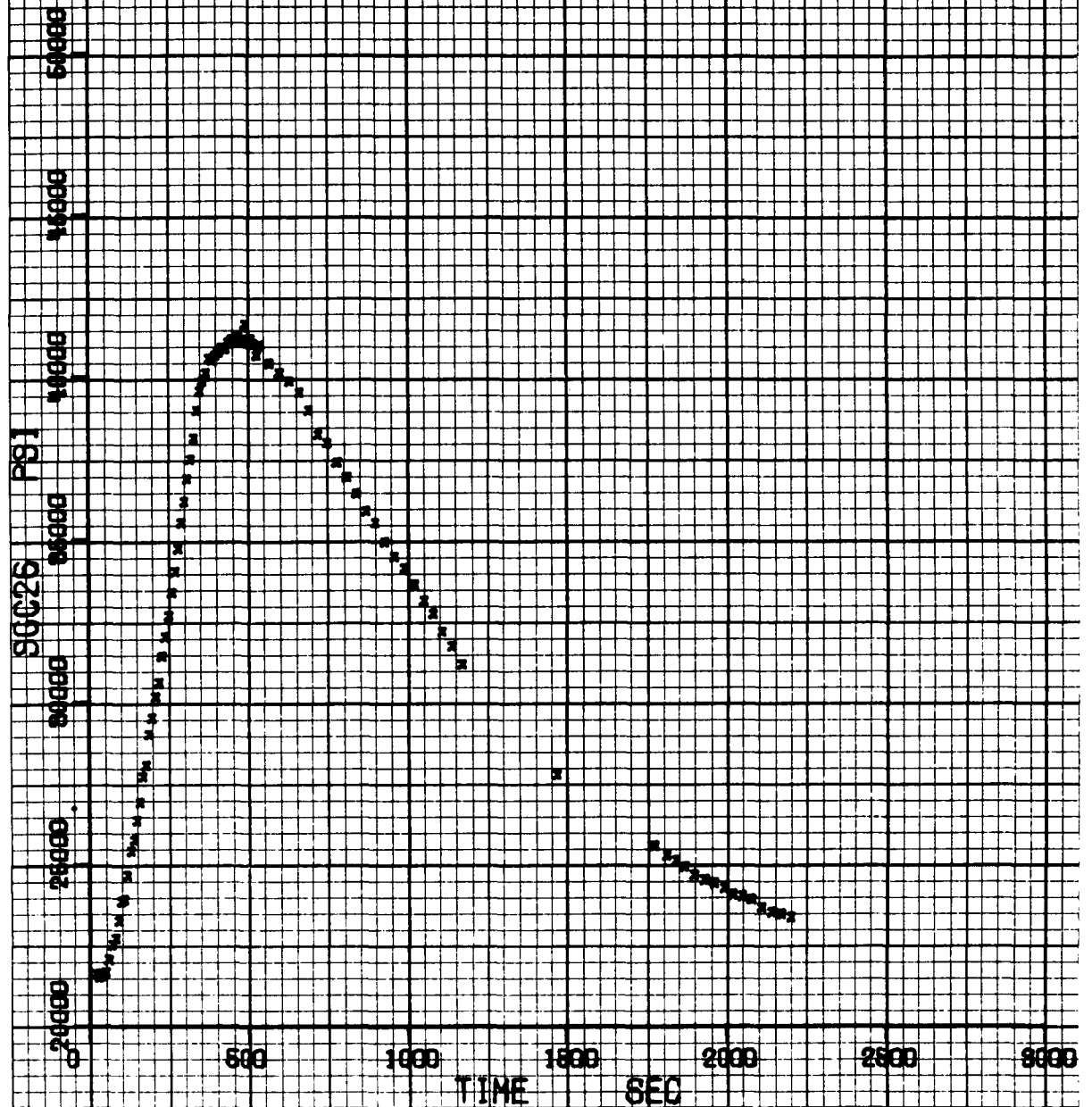
TEST 025 9/17





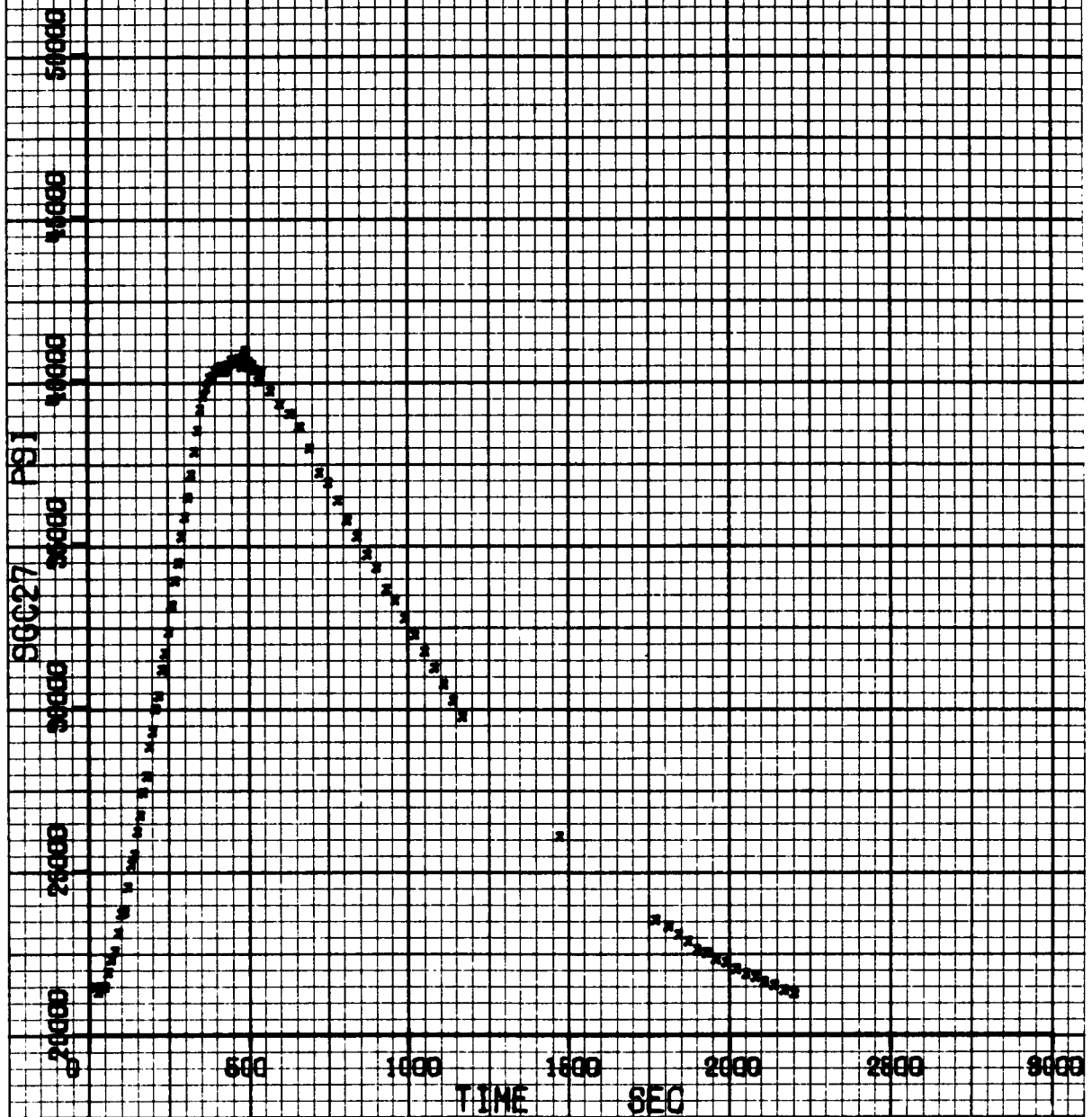
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



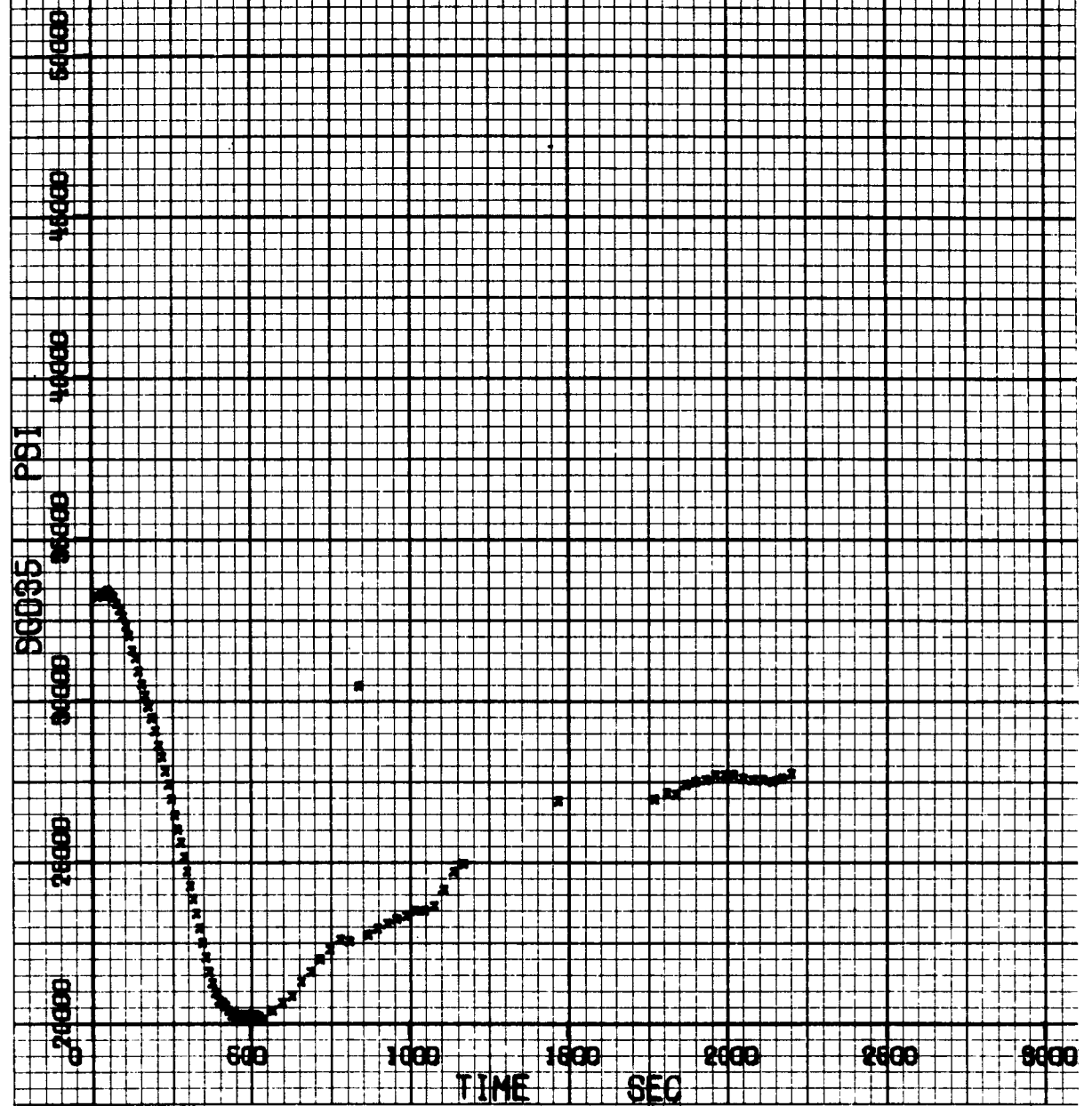
# 33T WING BOX STATIC SPECIMEN

TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

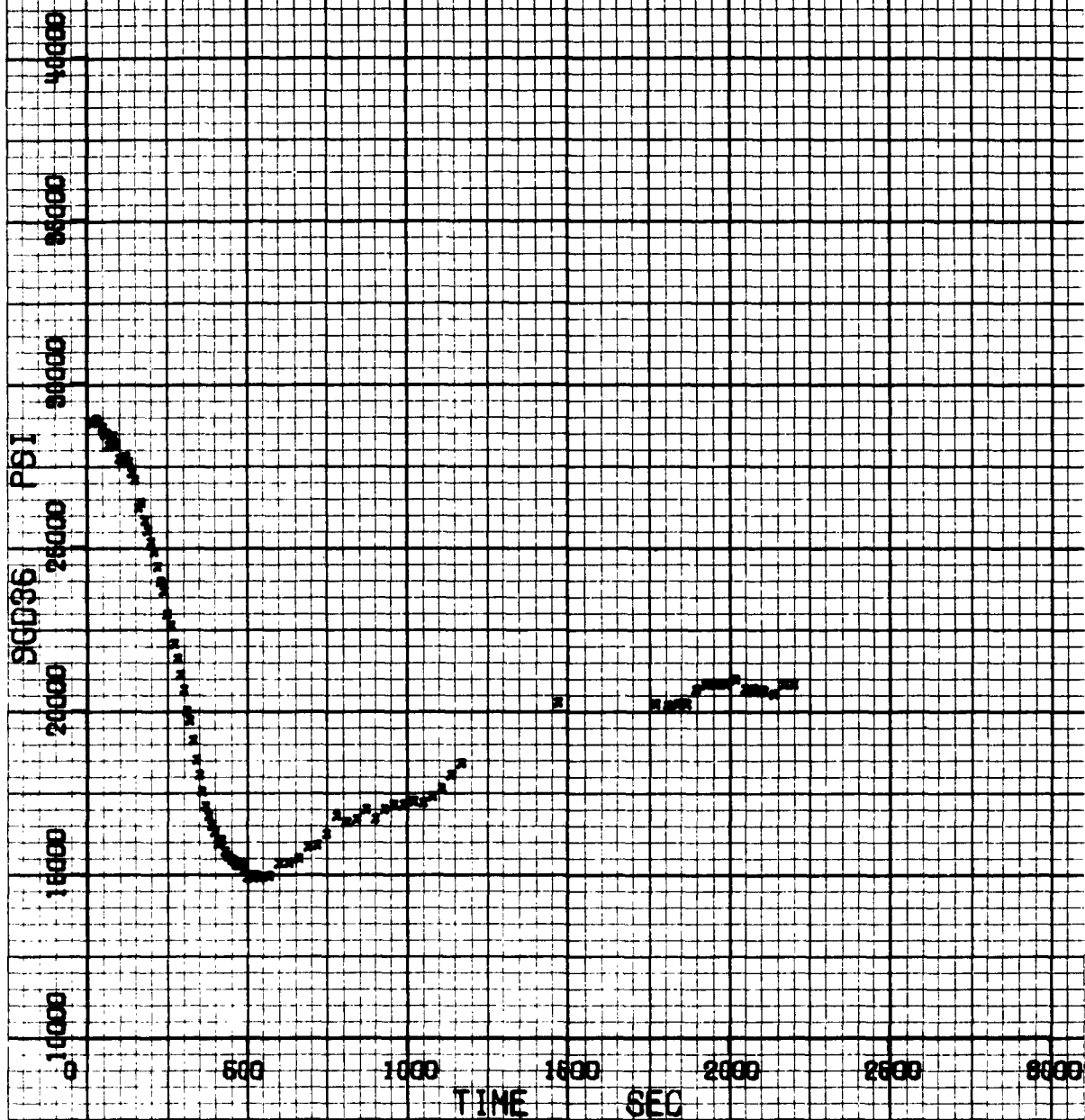
TEST 025 9/17





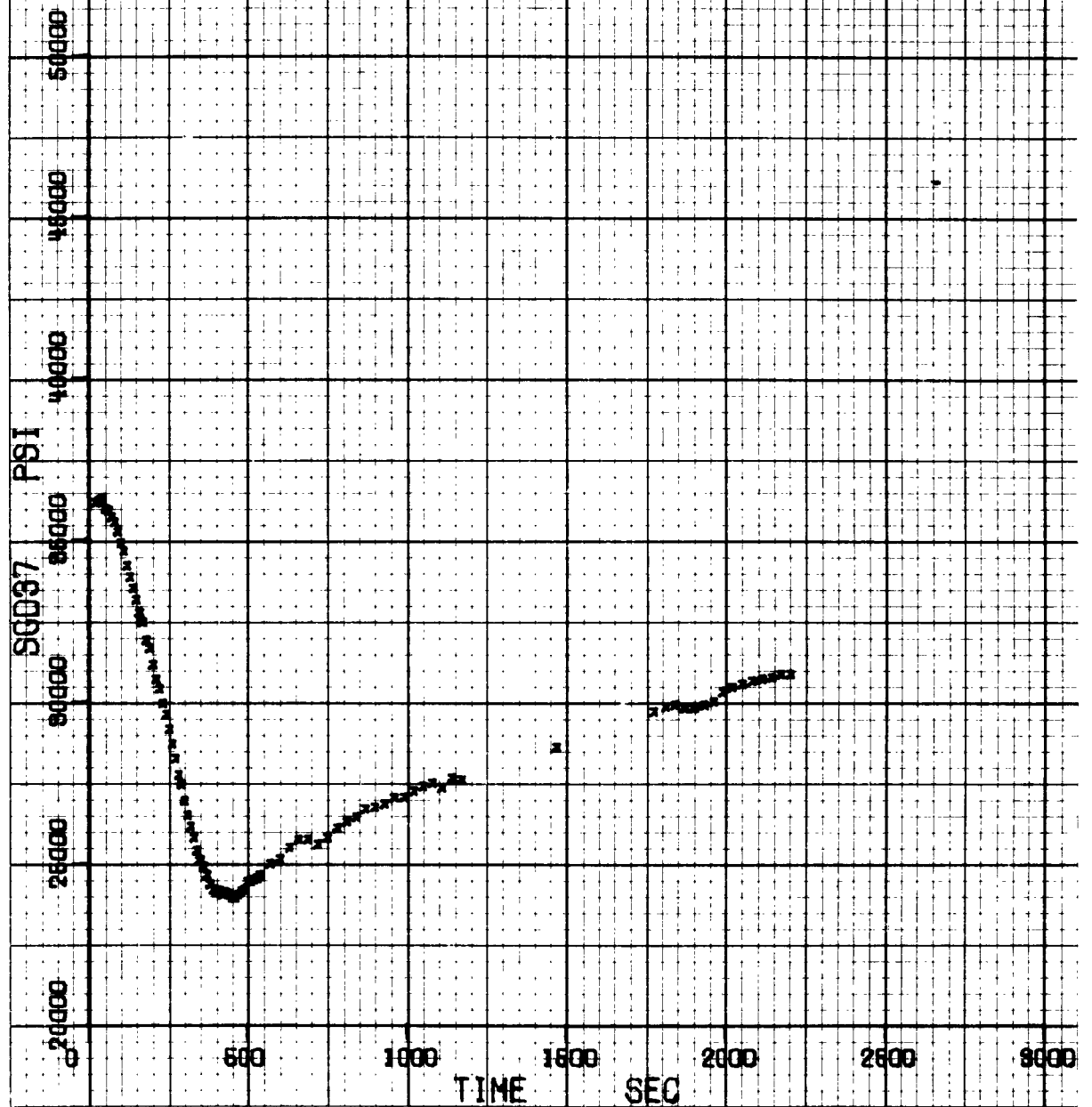
# SST WING BOX STATIC SPECIMEN

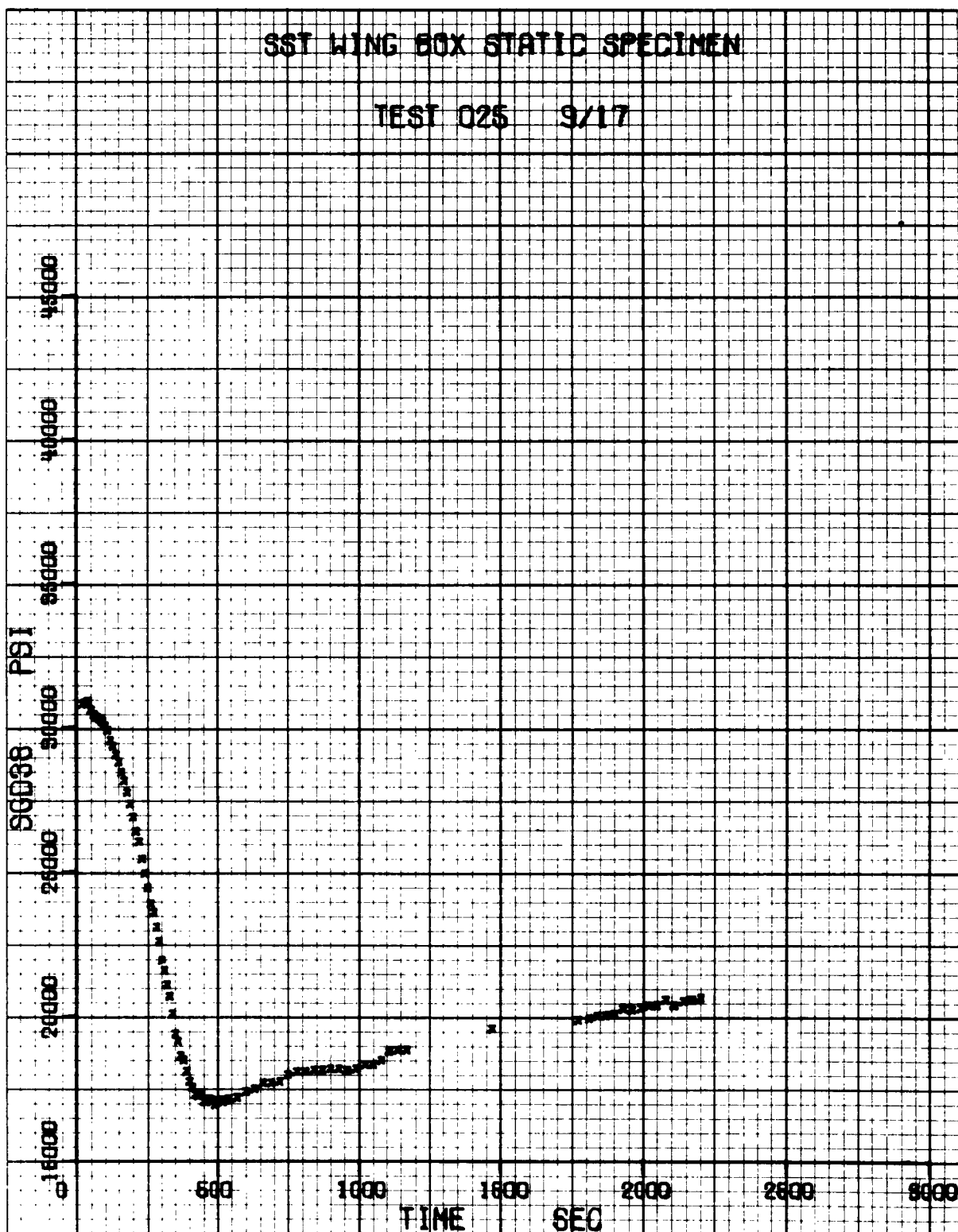
TEST 025 9/17



# SST WING BOX STATIC SPECIMEN

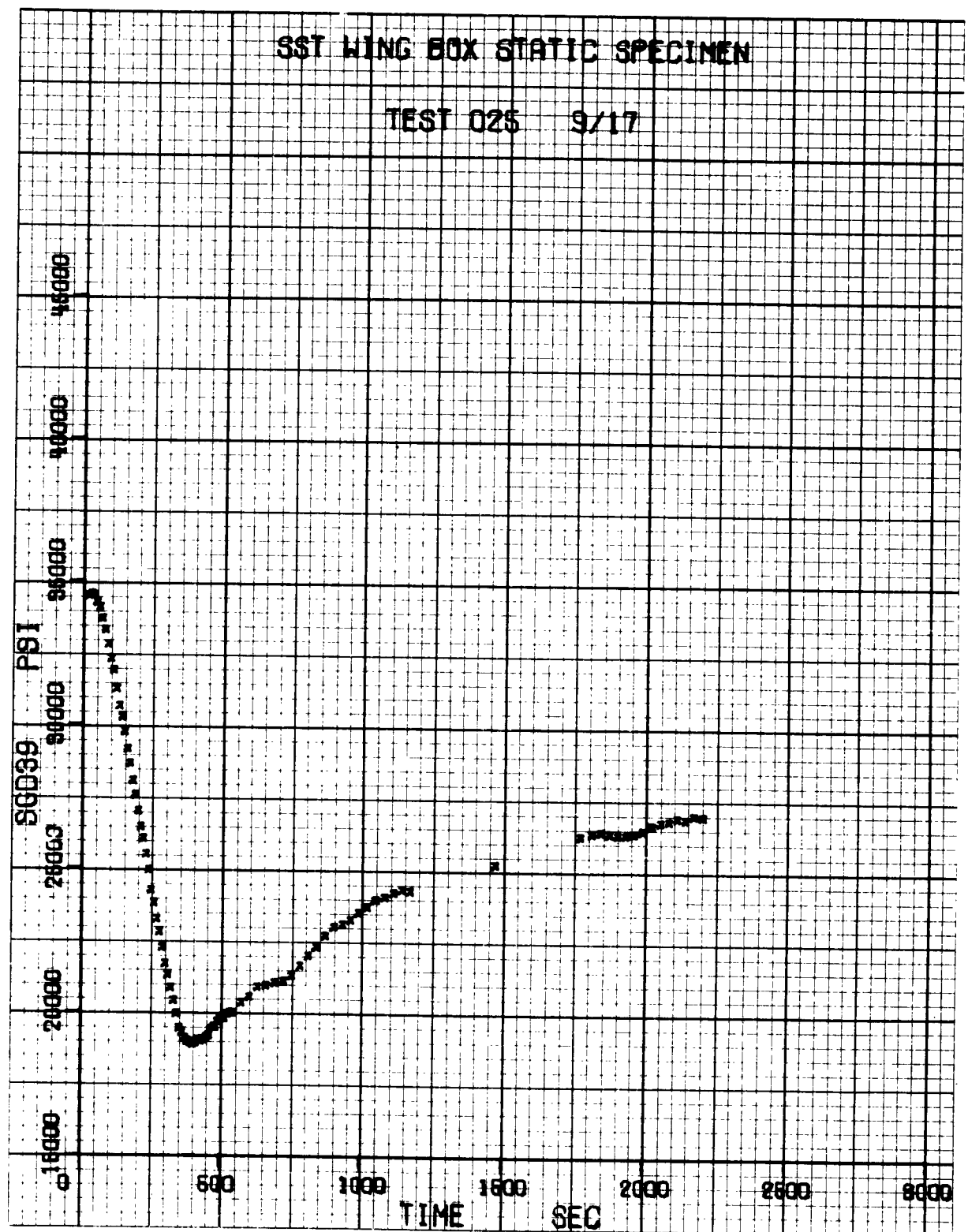
TEST 025 9/17

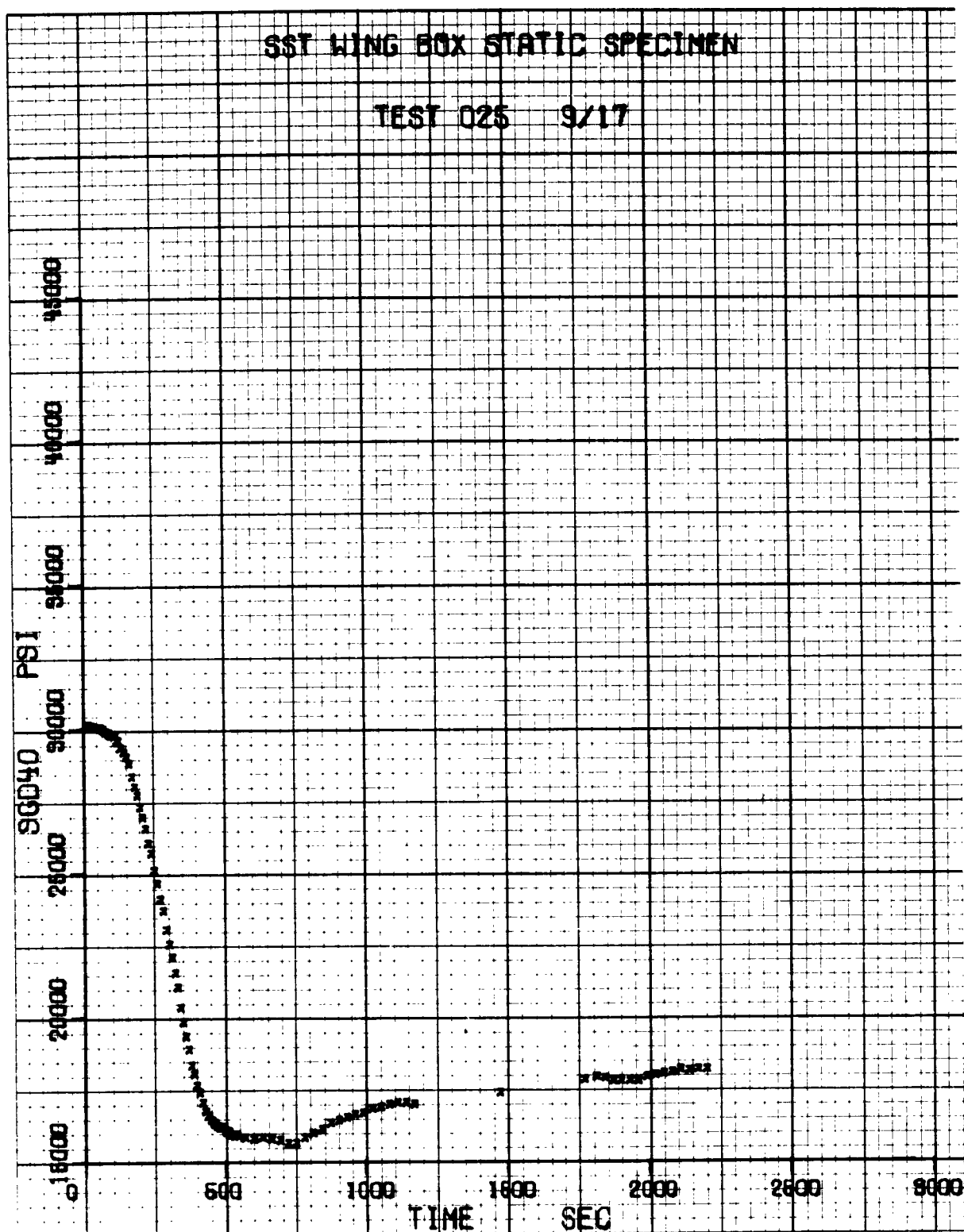




# SST WING BOX STATIC SPECIMEN

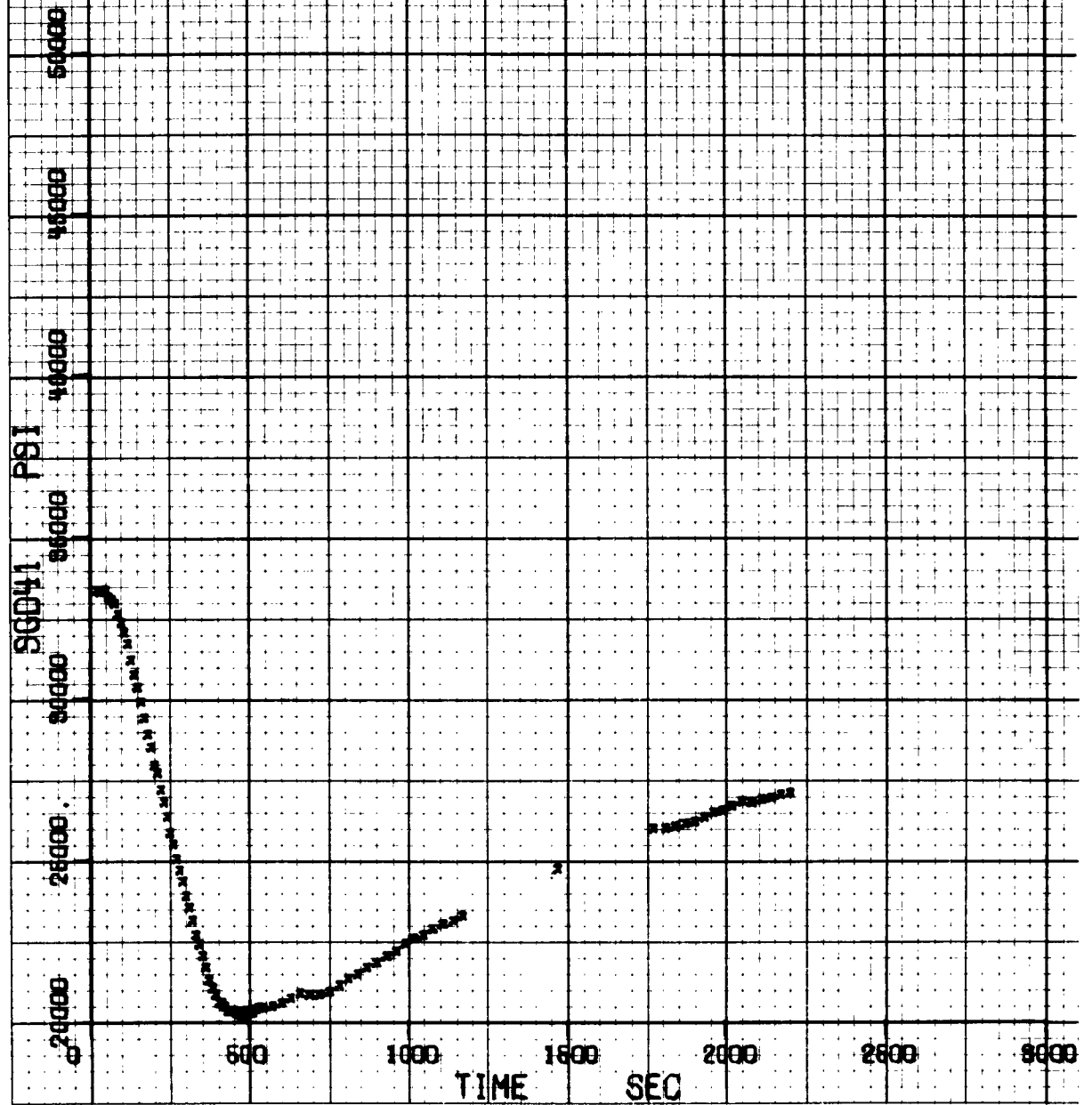
TEST 025 9/17

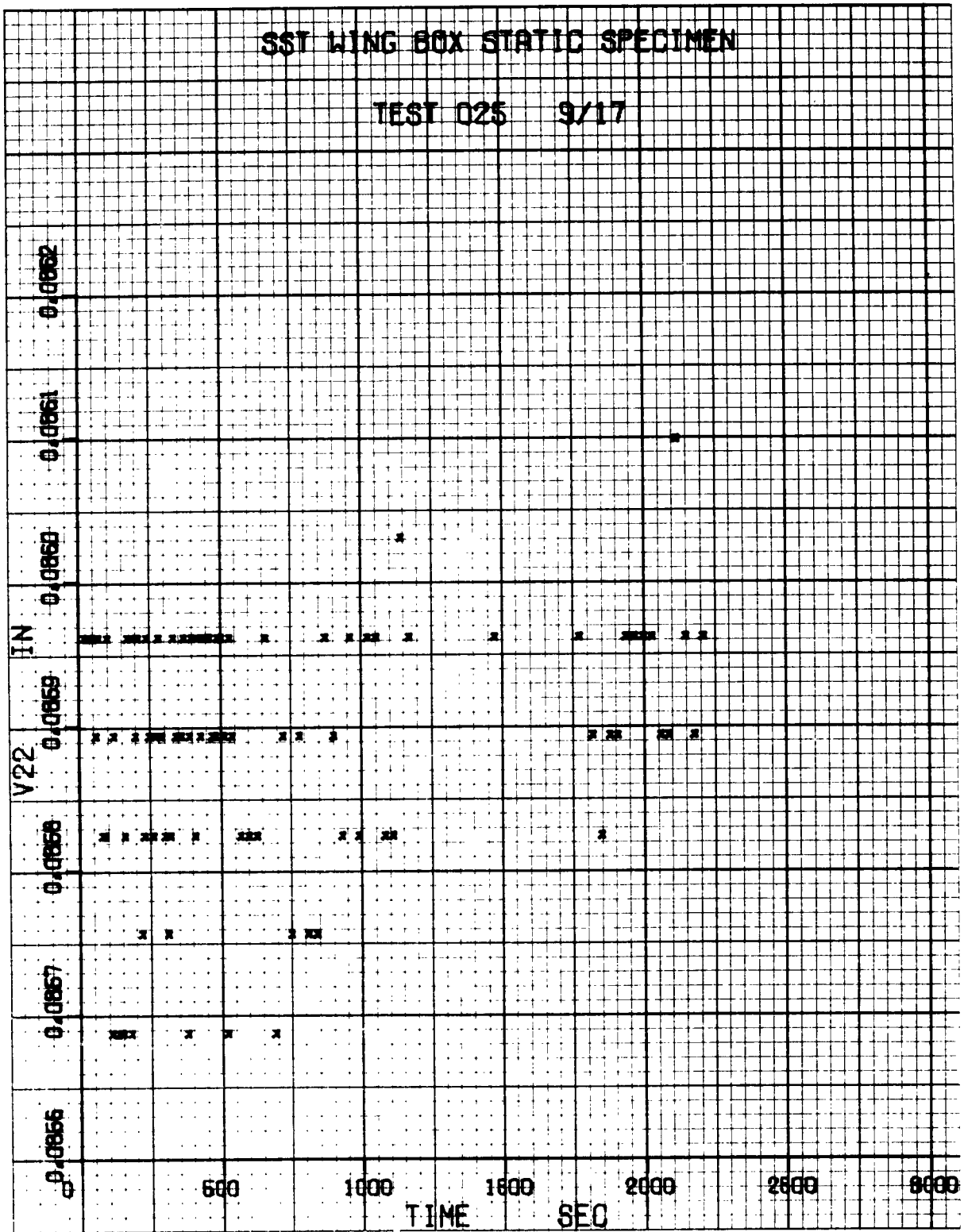




# SST WING BOX STATIC SPECIMEN

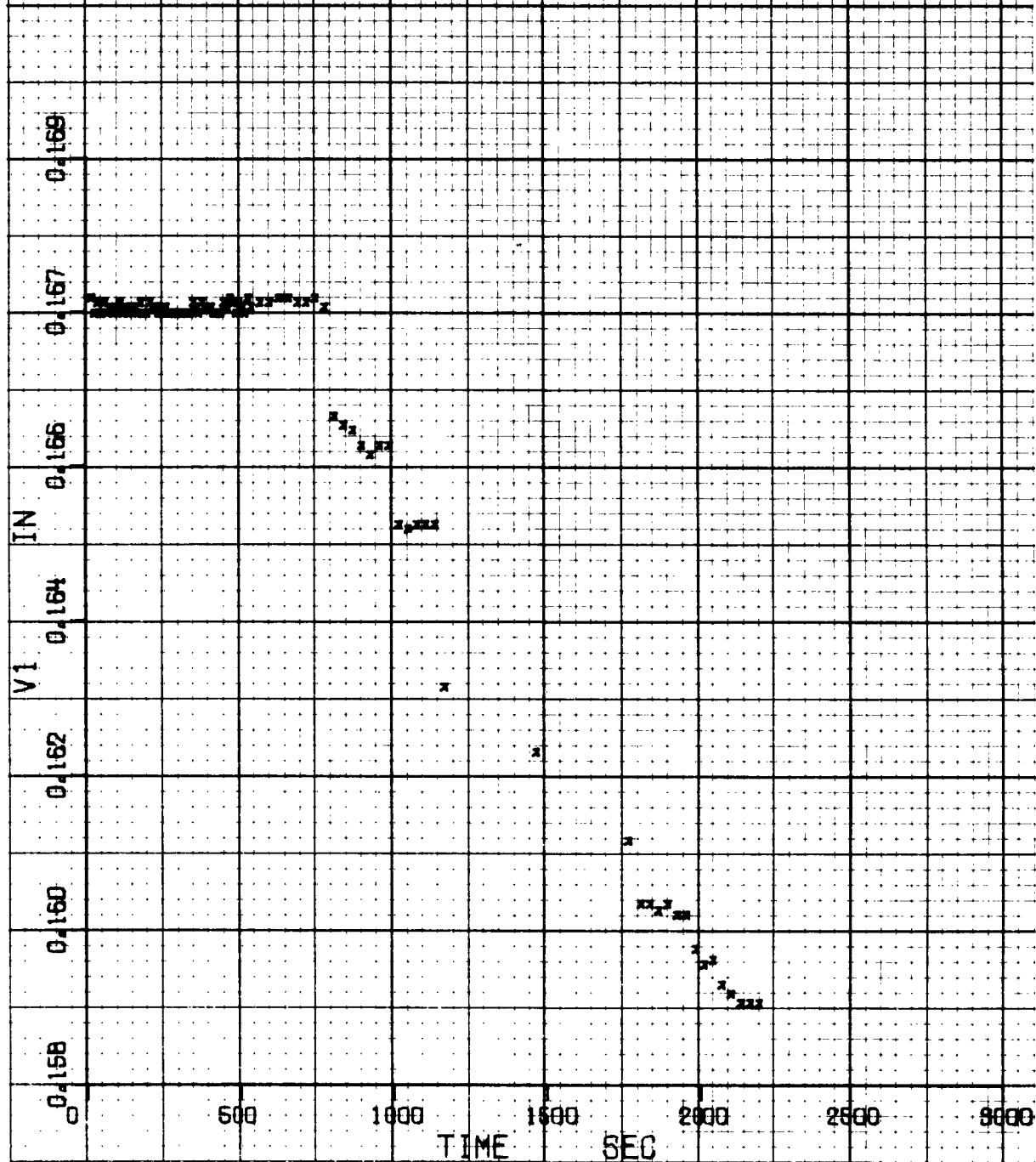
TEST 025 9/17





# SST WING BOX STATIC SPECIMEN

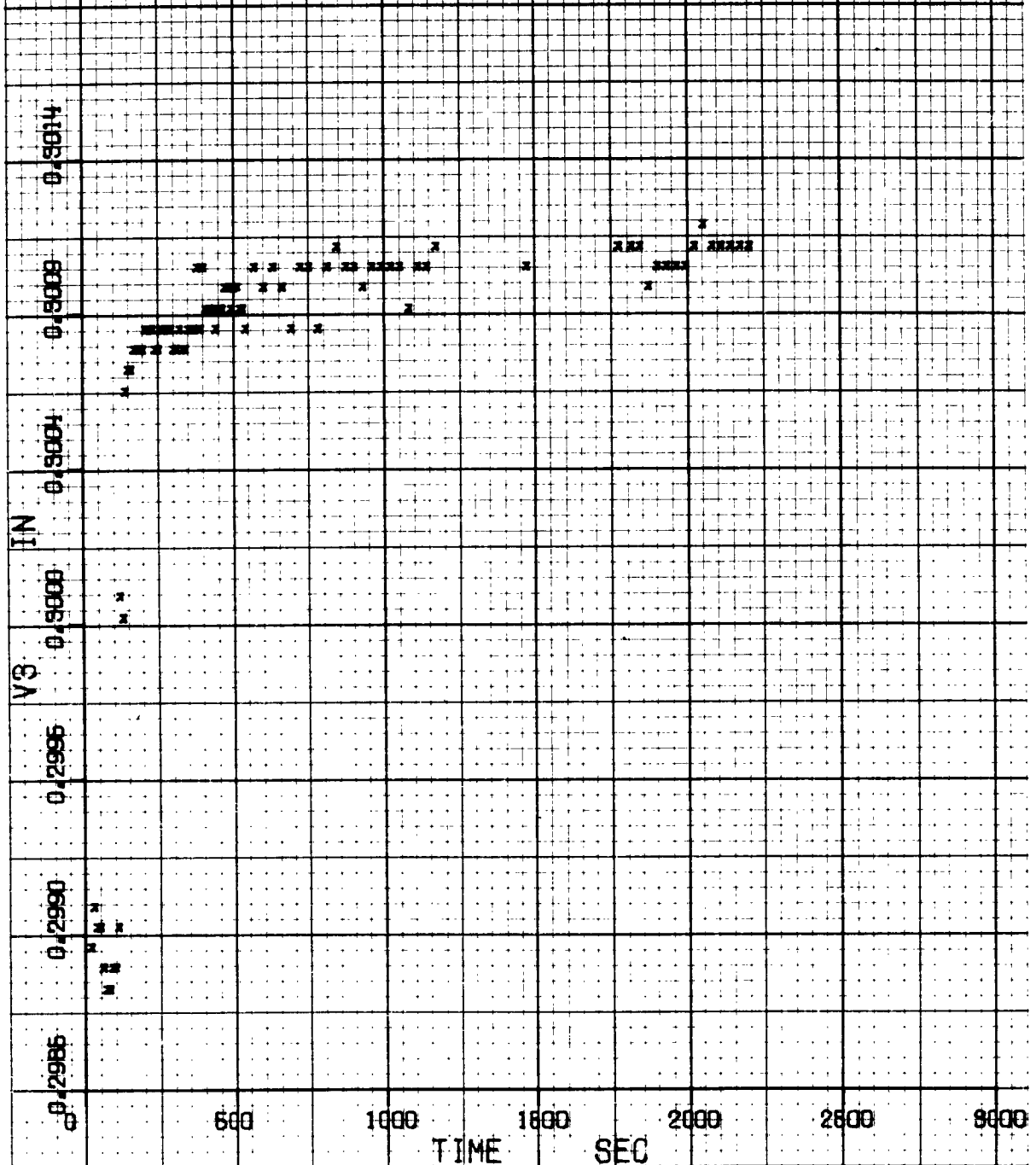
TEST 025 9/17

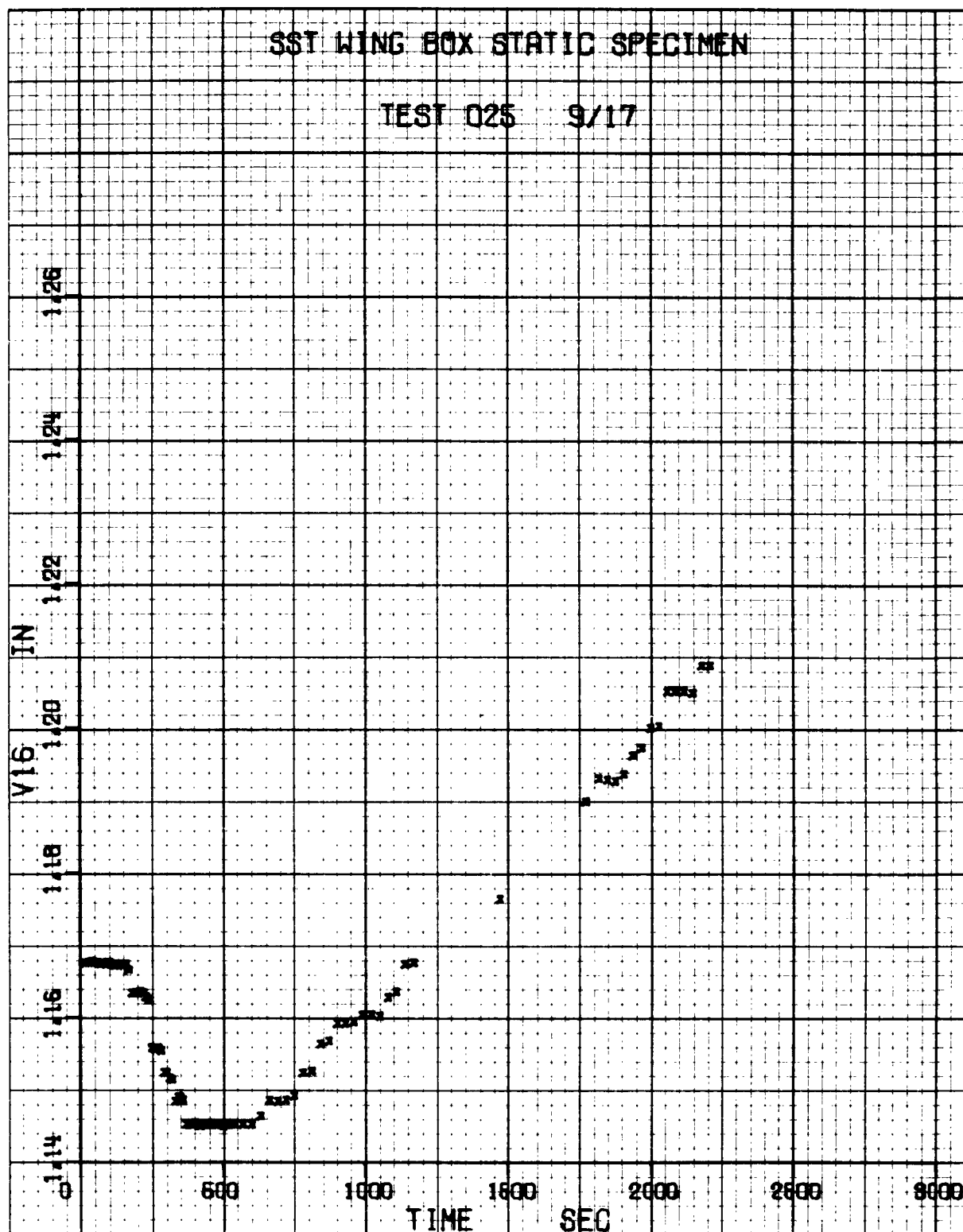




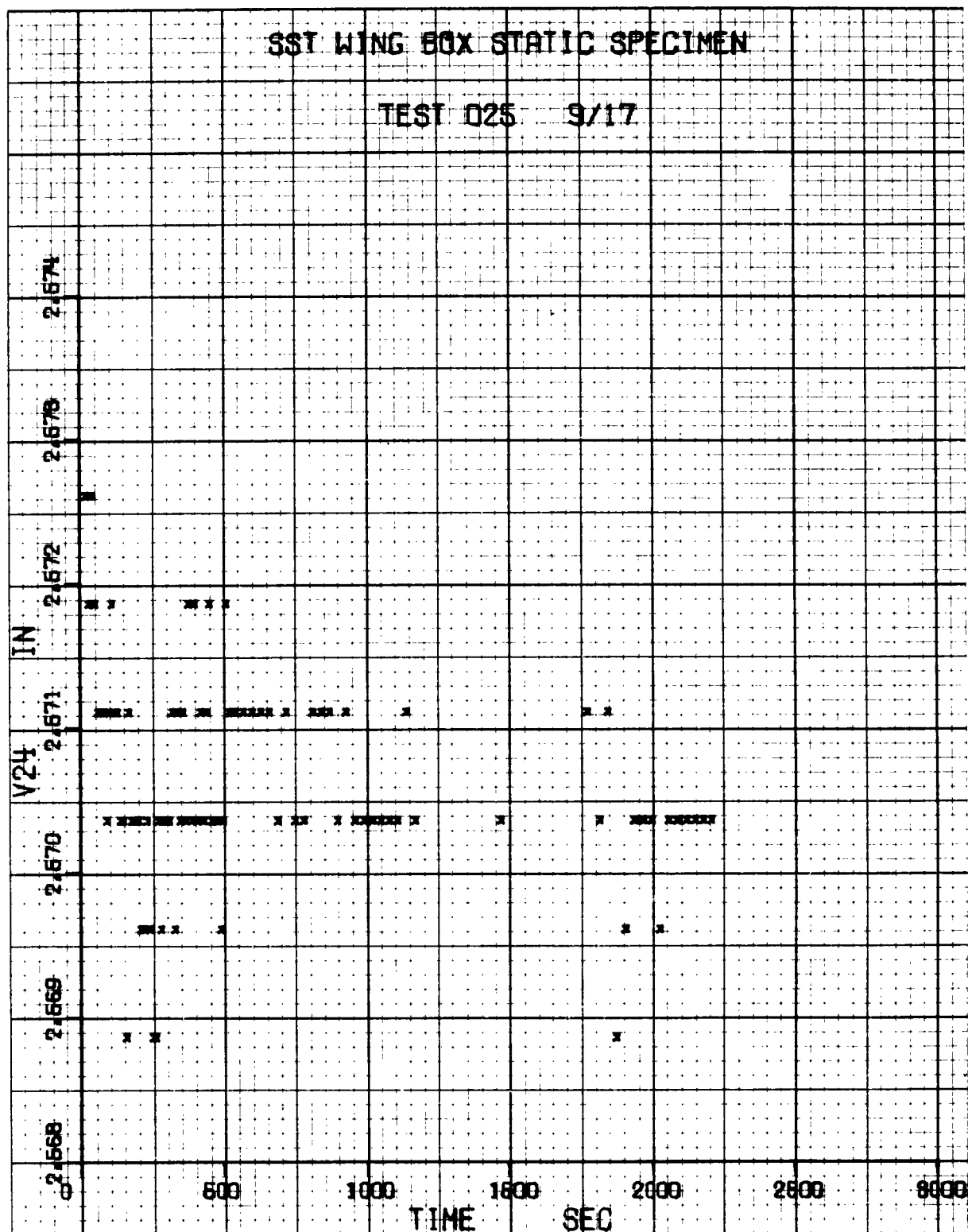
# SST WING BOX STATIC SPECIMEN

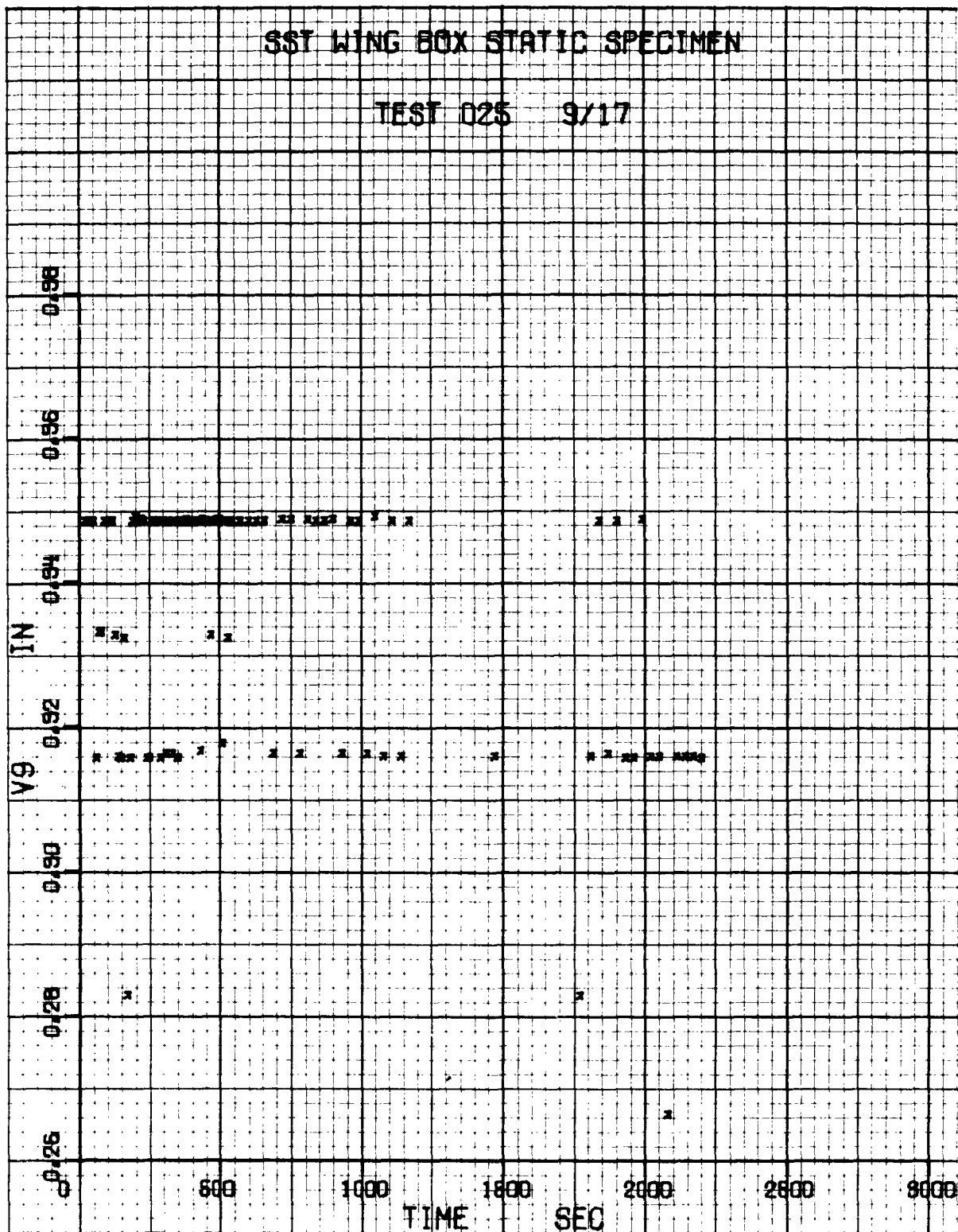
TEST 025 9/17





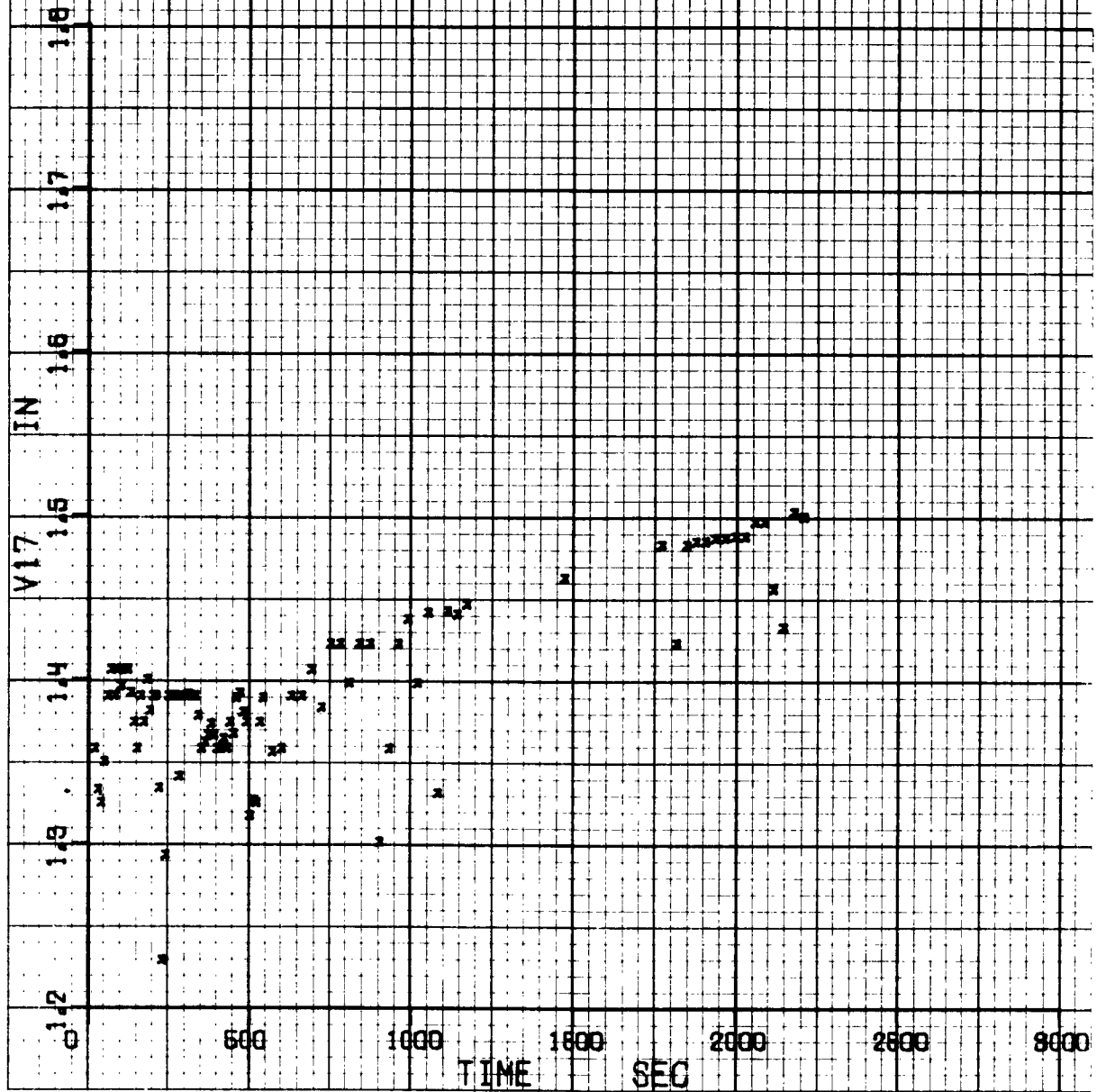






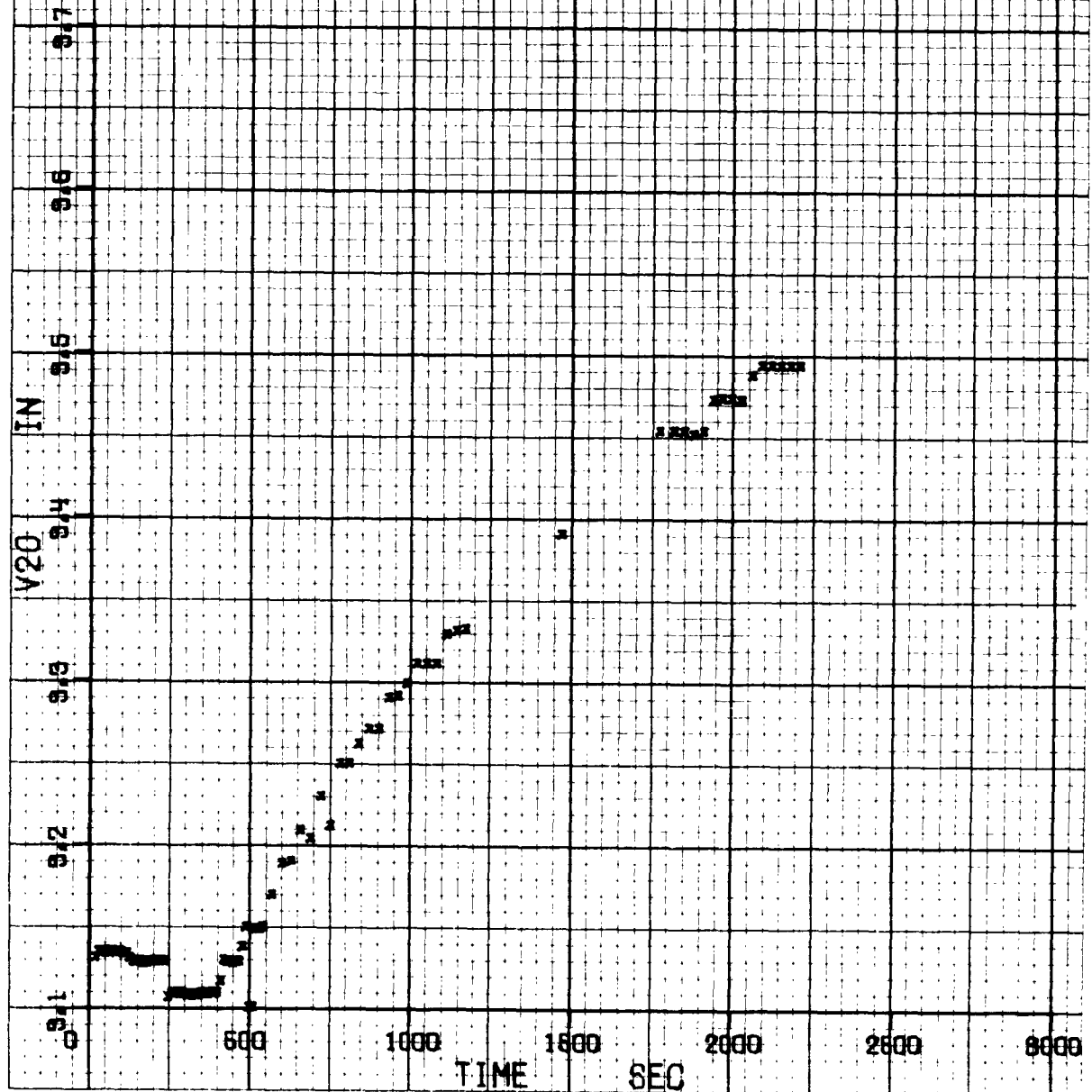
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17



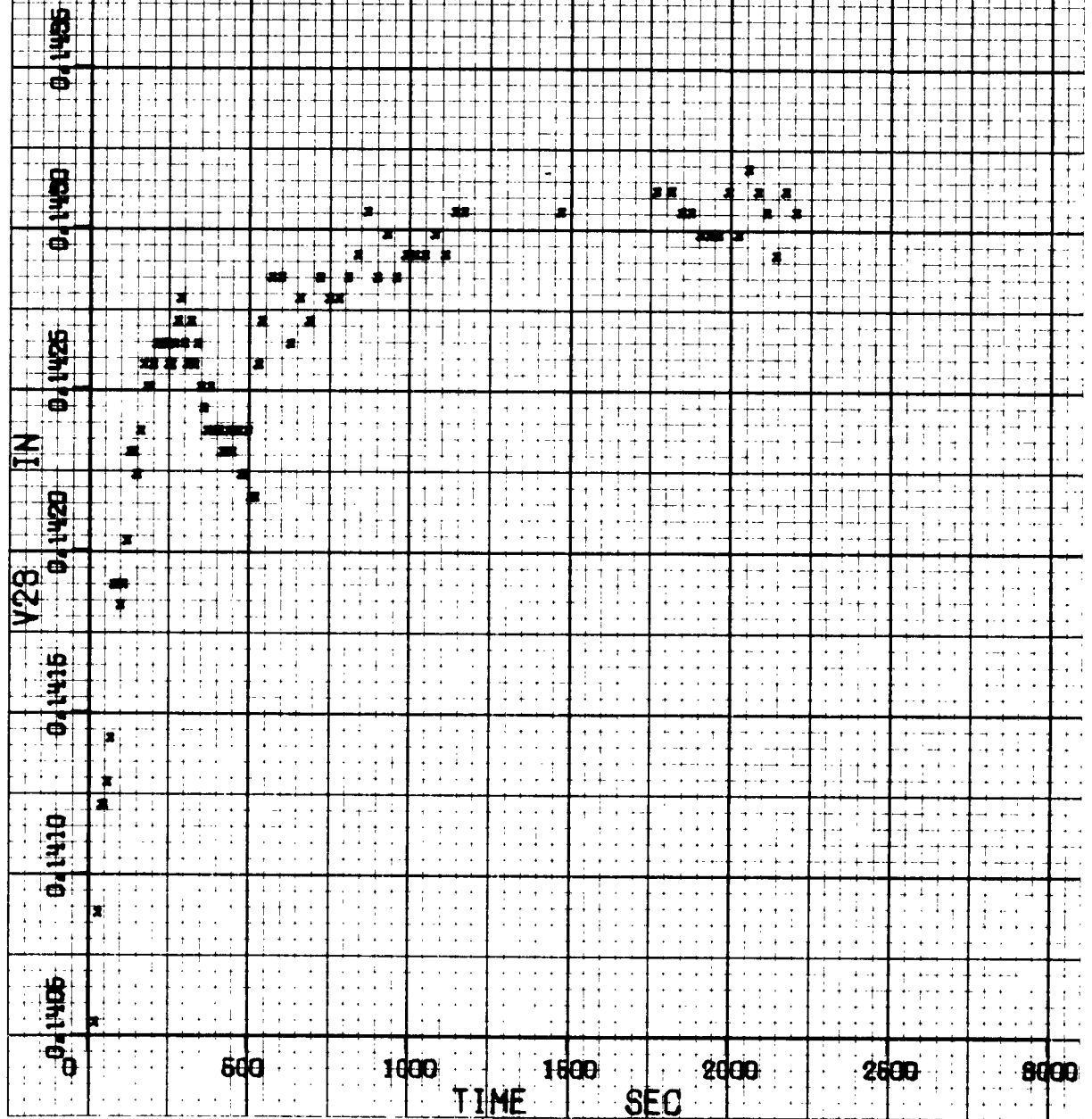
# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

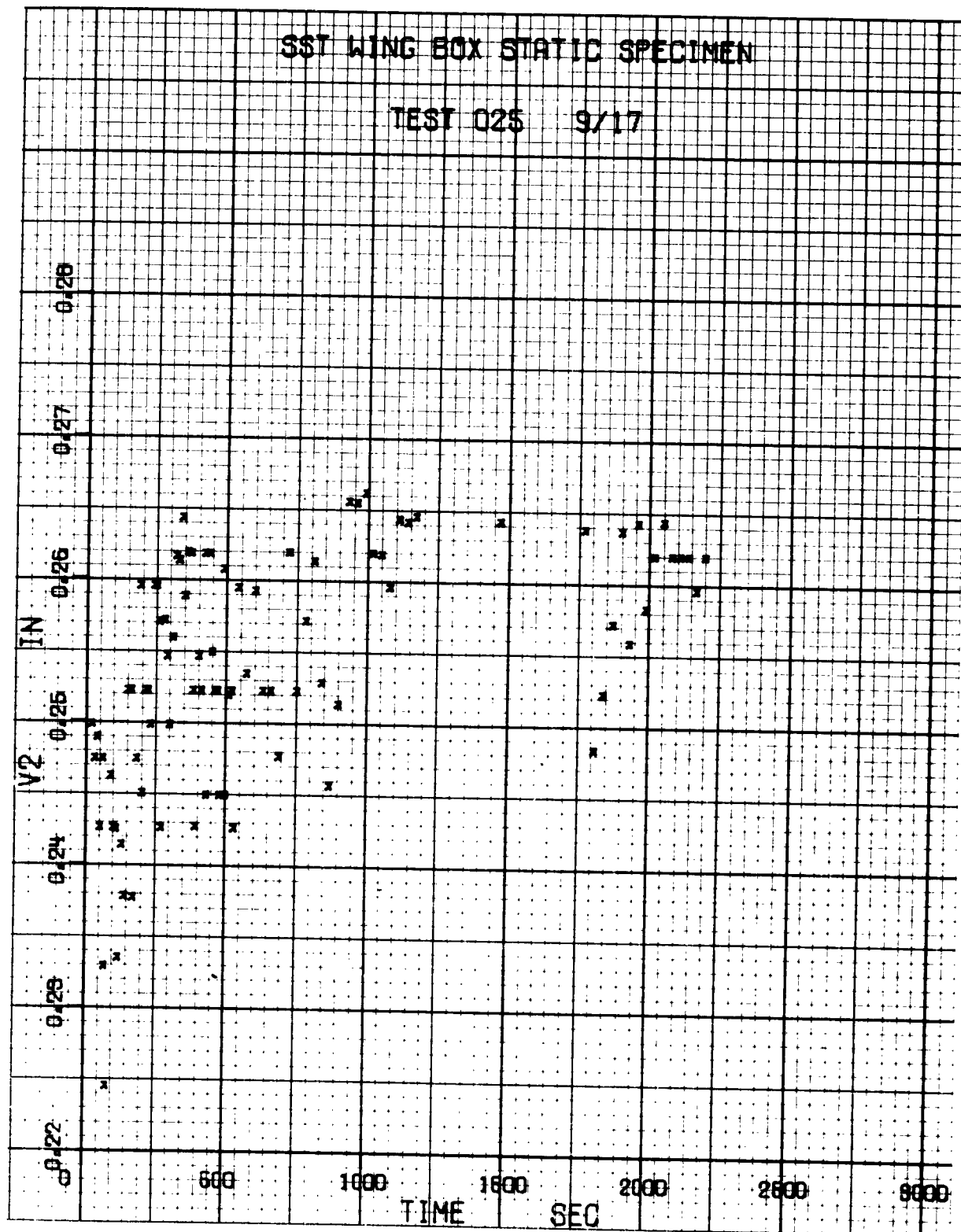


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17

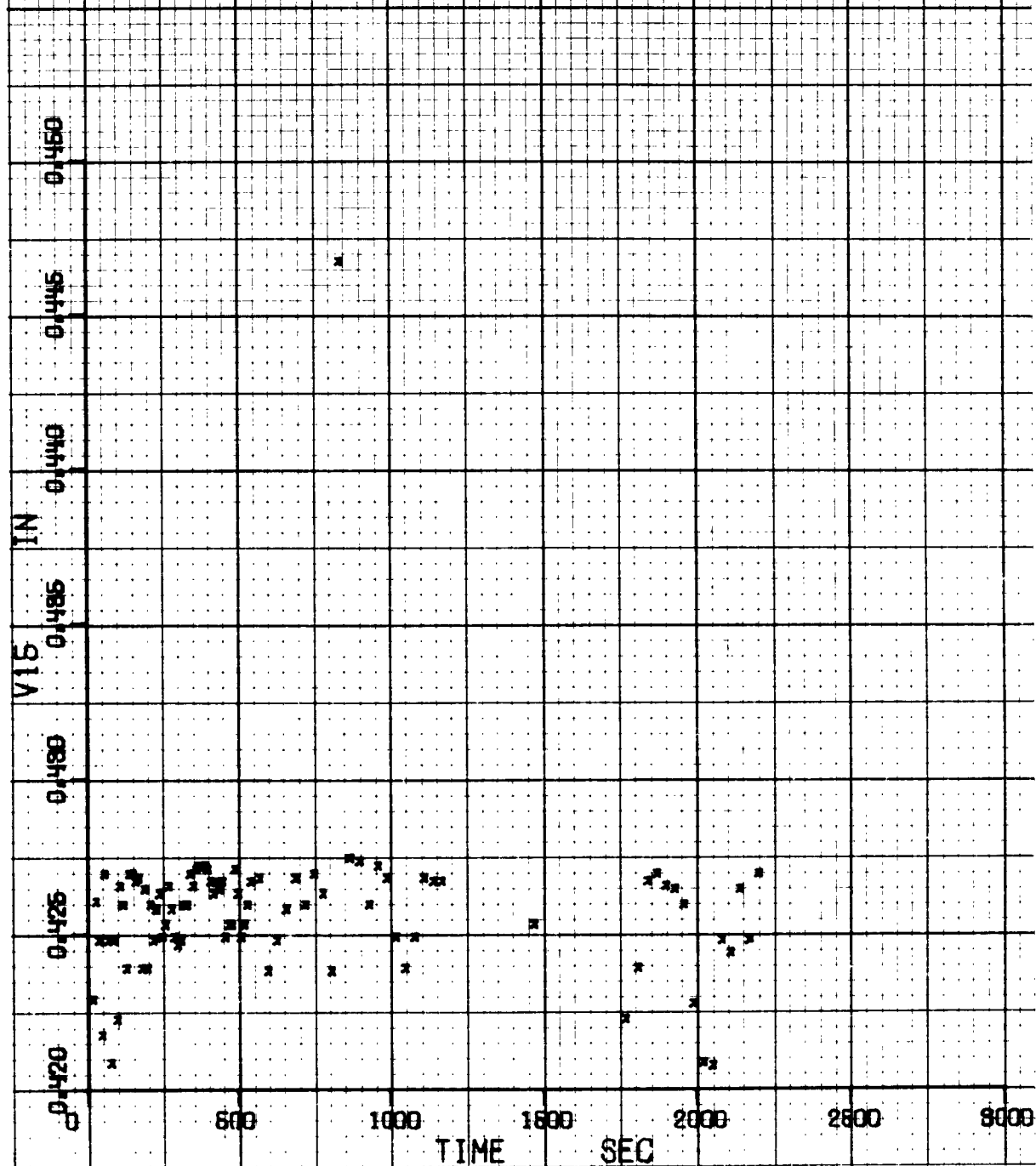






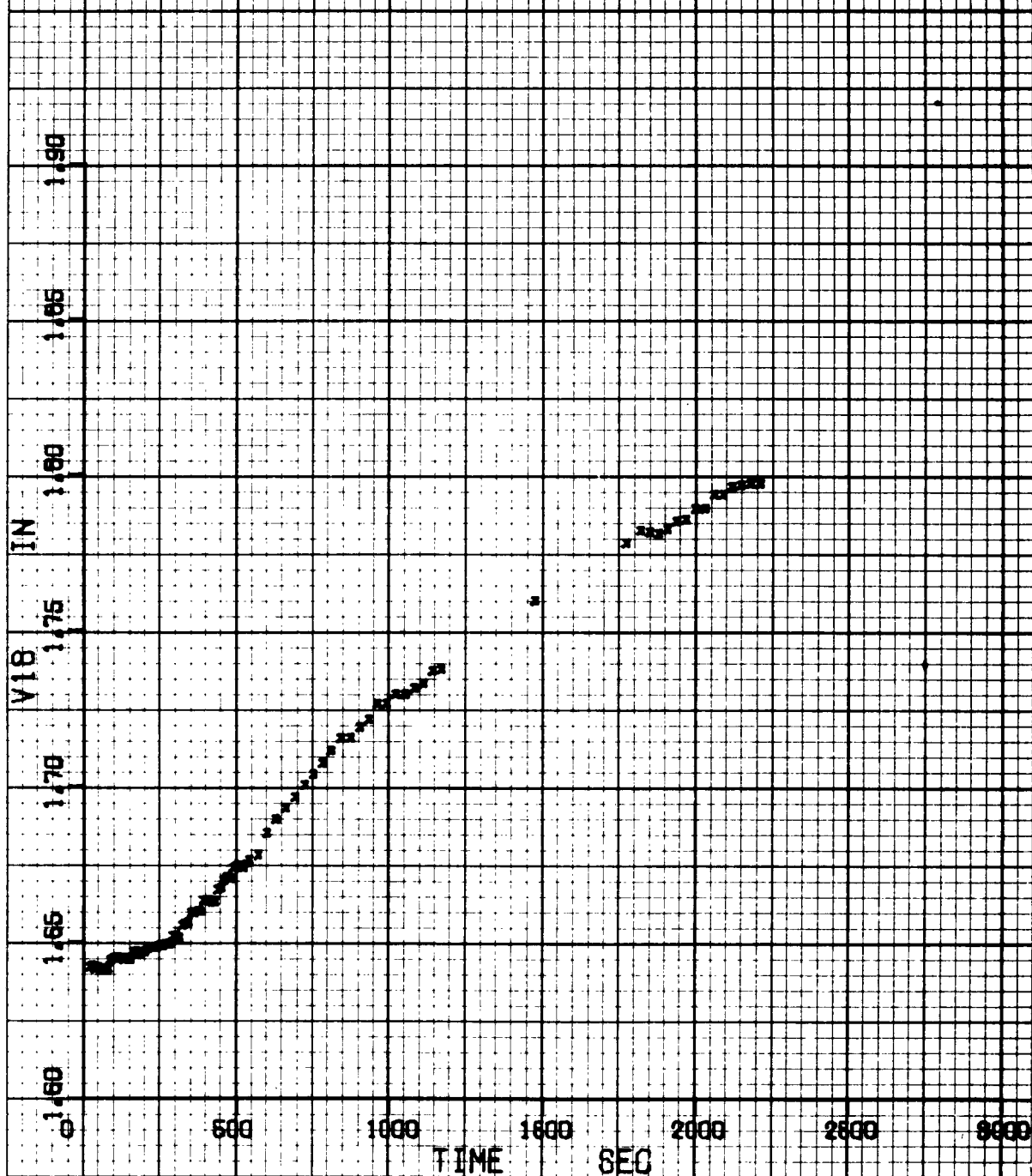
# SST WING BOX STATIC SPECIMEN

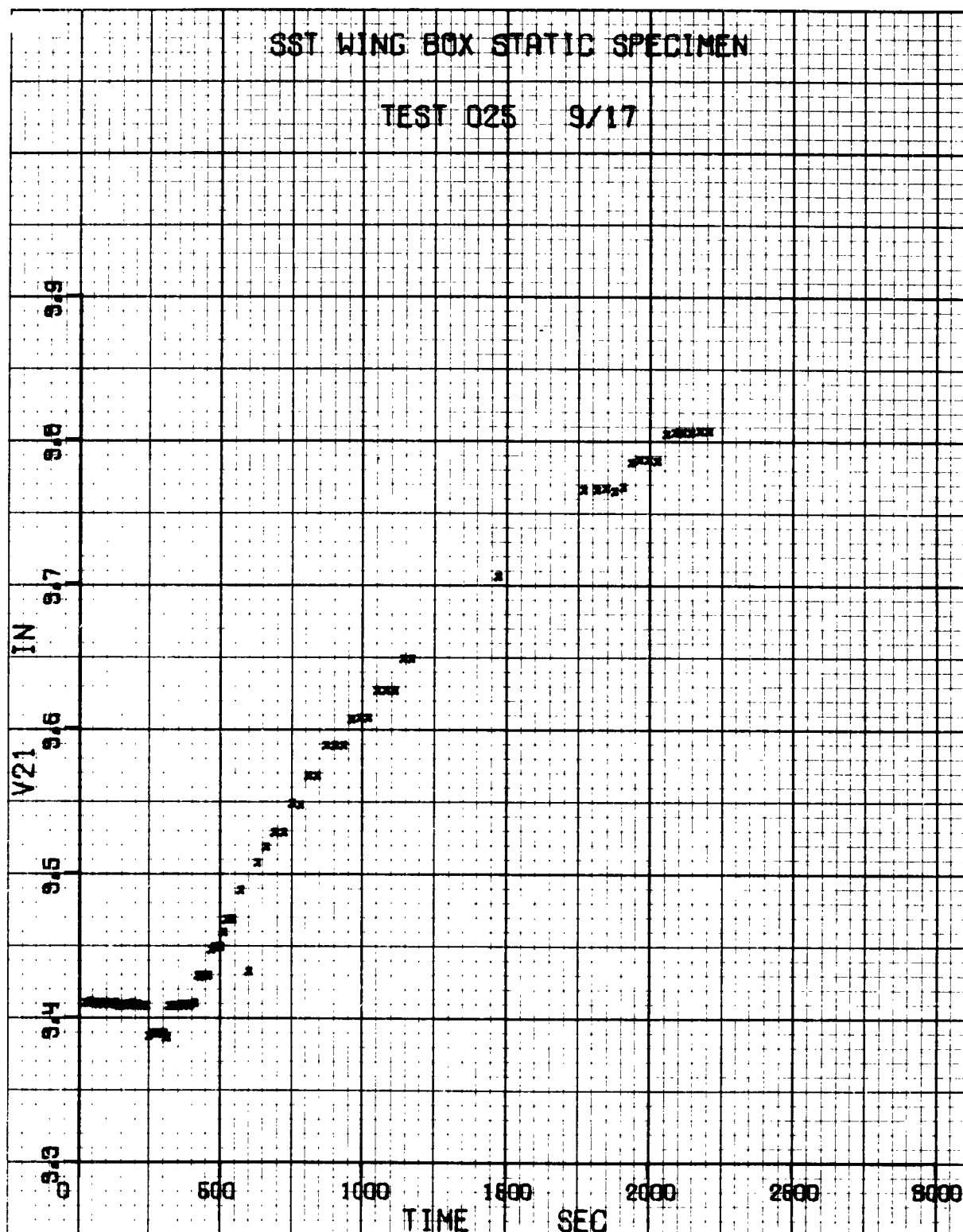
TEST 025 9/17

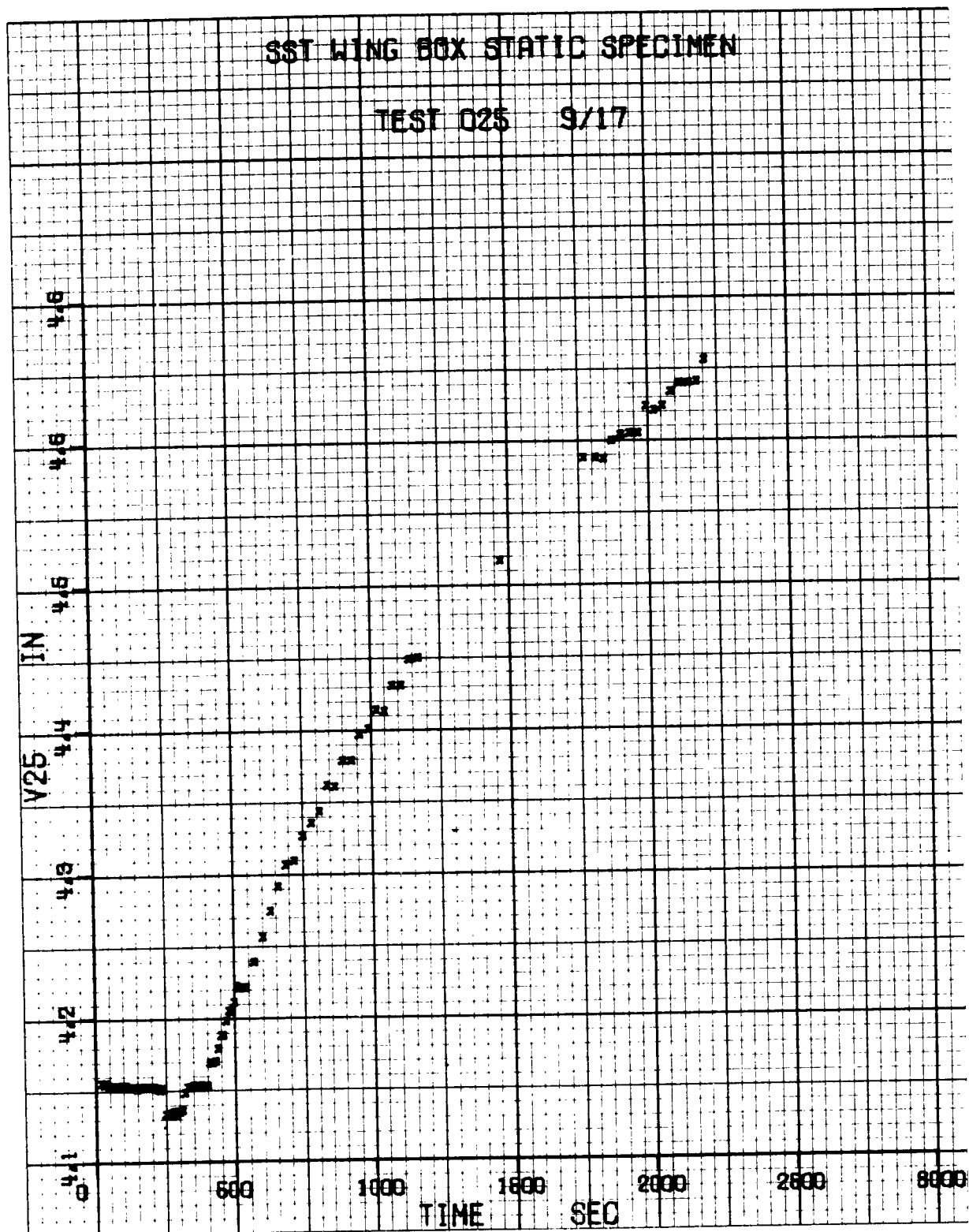


# SST WING BOX STATIC SPECIMEN

TEST 025 9/17







TEST No. 36

Jack Location W.S. 189 ; F.S. 60

Jack Load, lb 0 - 53,000

Percent of Limit 0 - 150

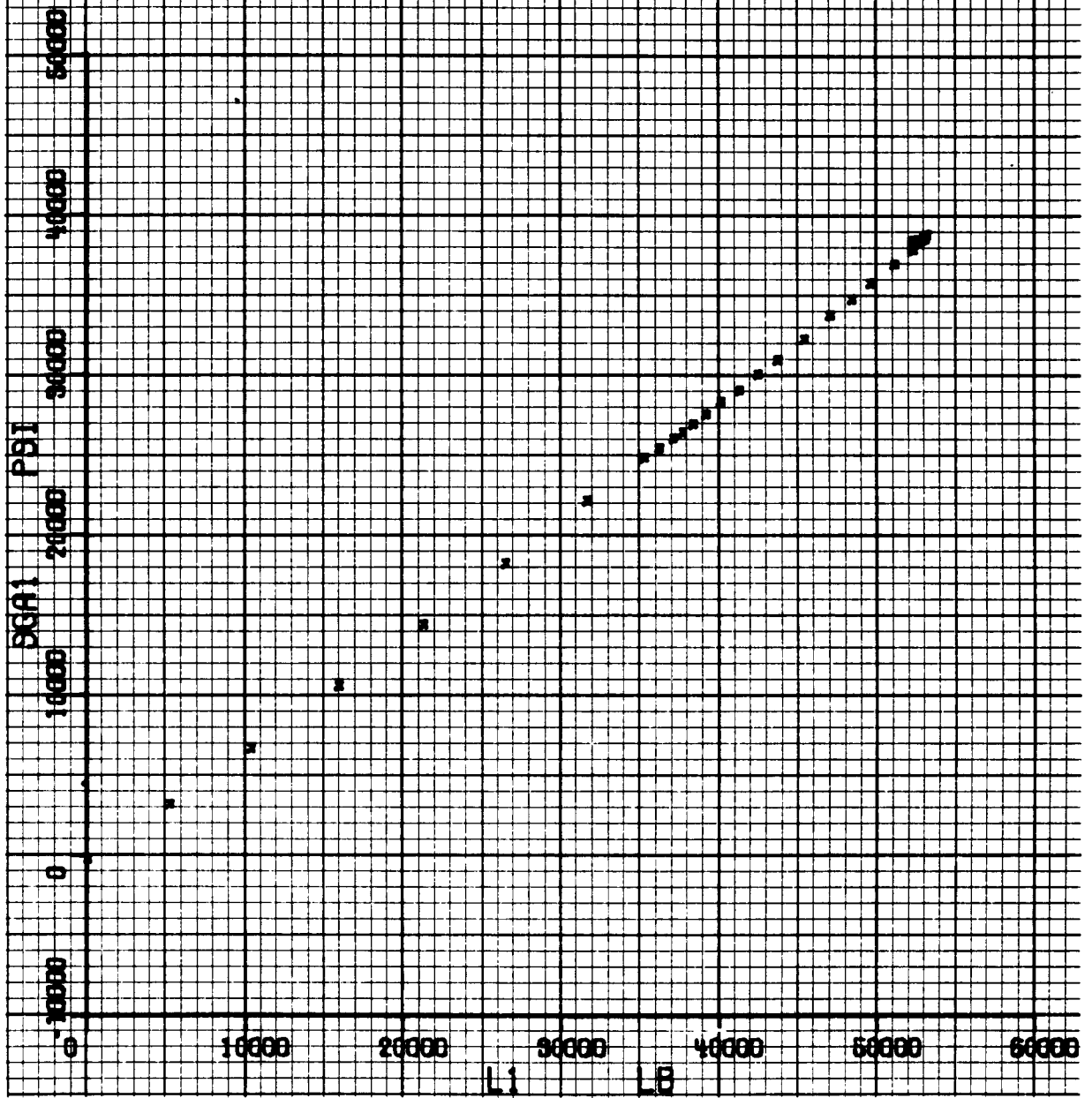
Fuel Condition Tanks EMPTY

Tank Pressure, psi 0

Maximum Surface Temperature, °F ROOM TEMPERATURE

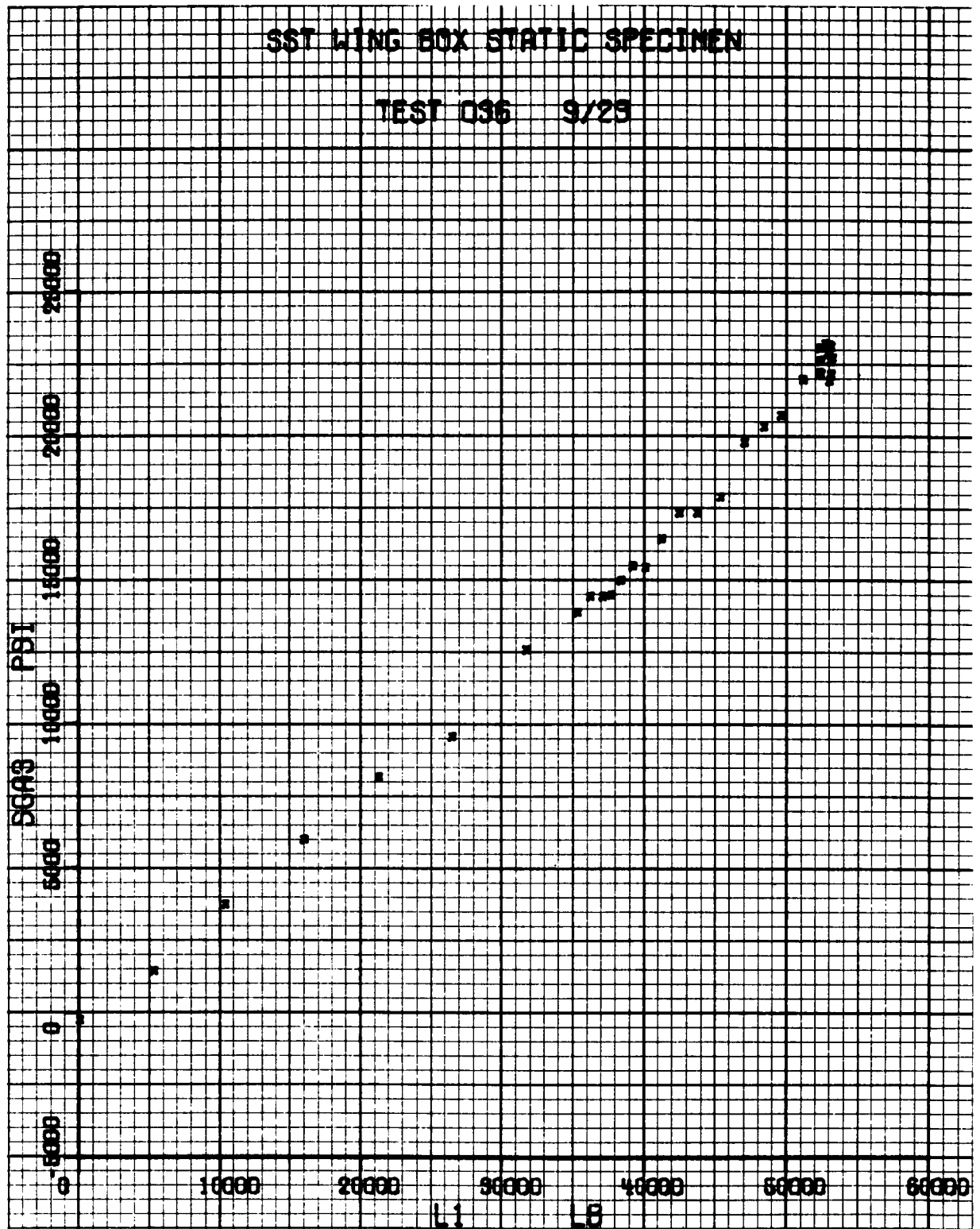
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

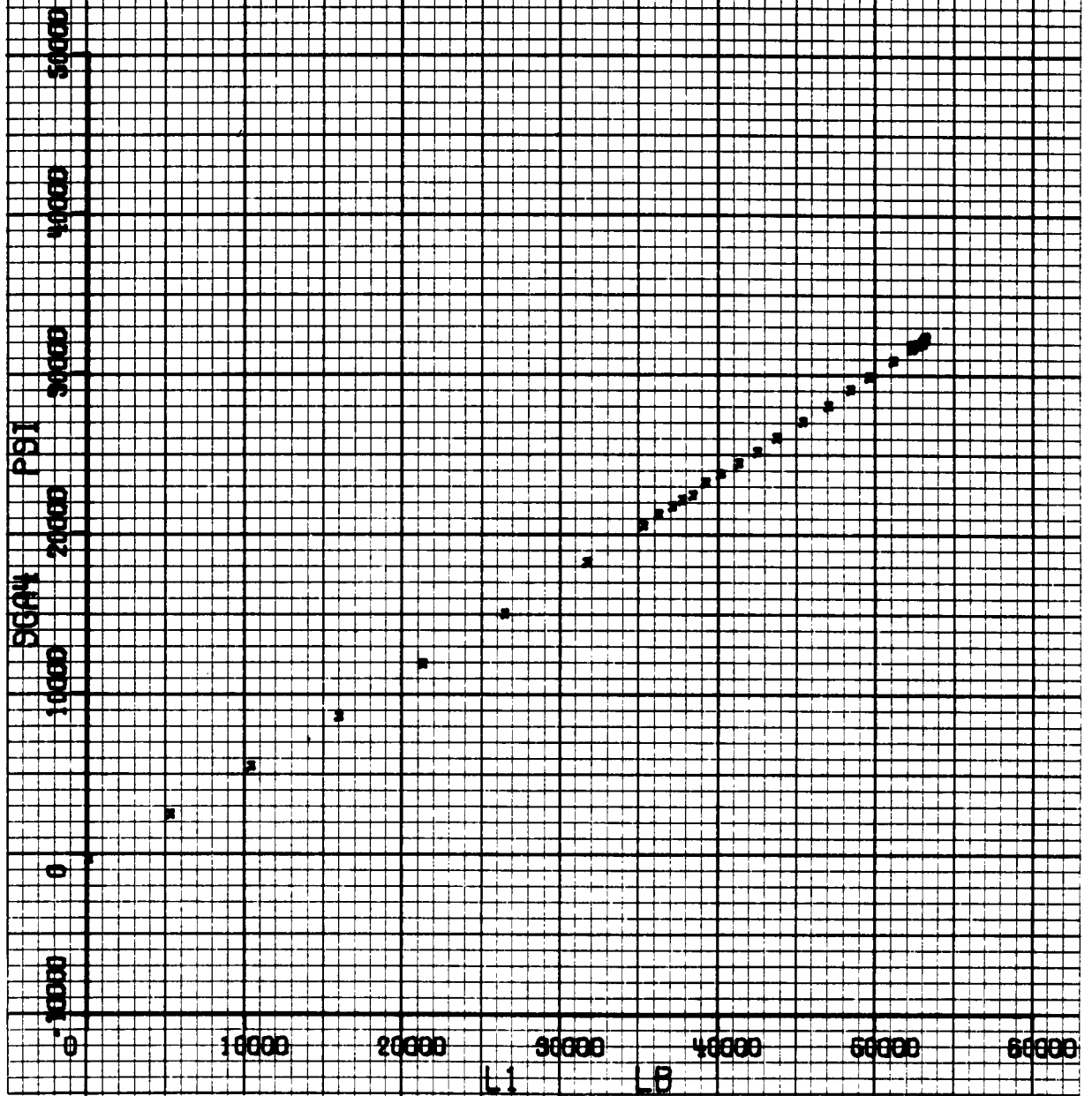
TEST 036 9/29

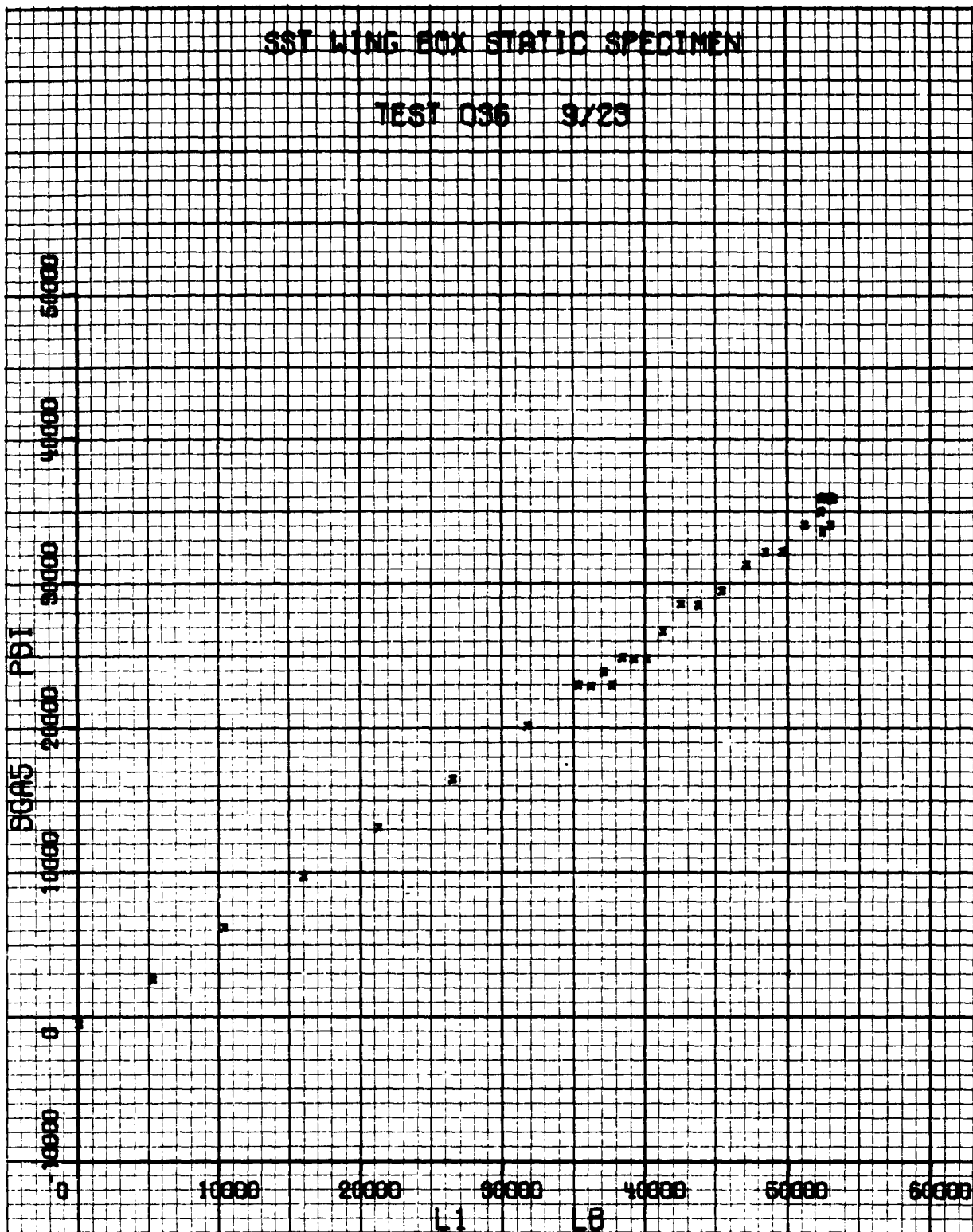




# SST WING BOX STATIC SPECIMEN

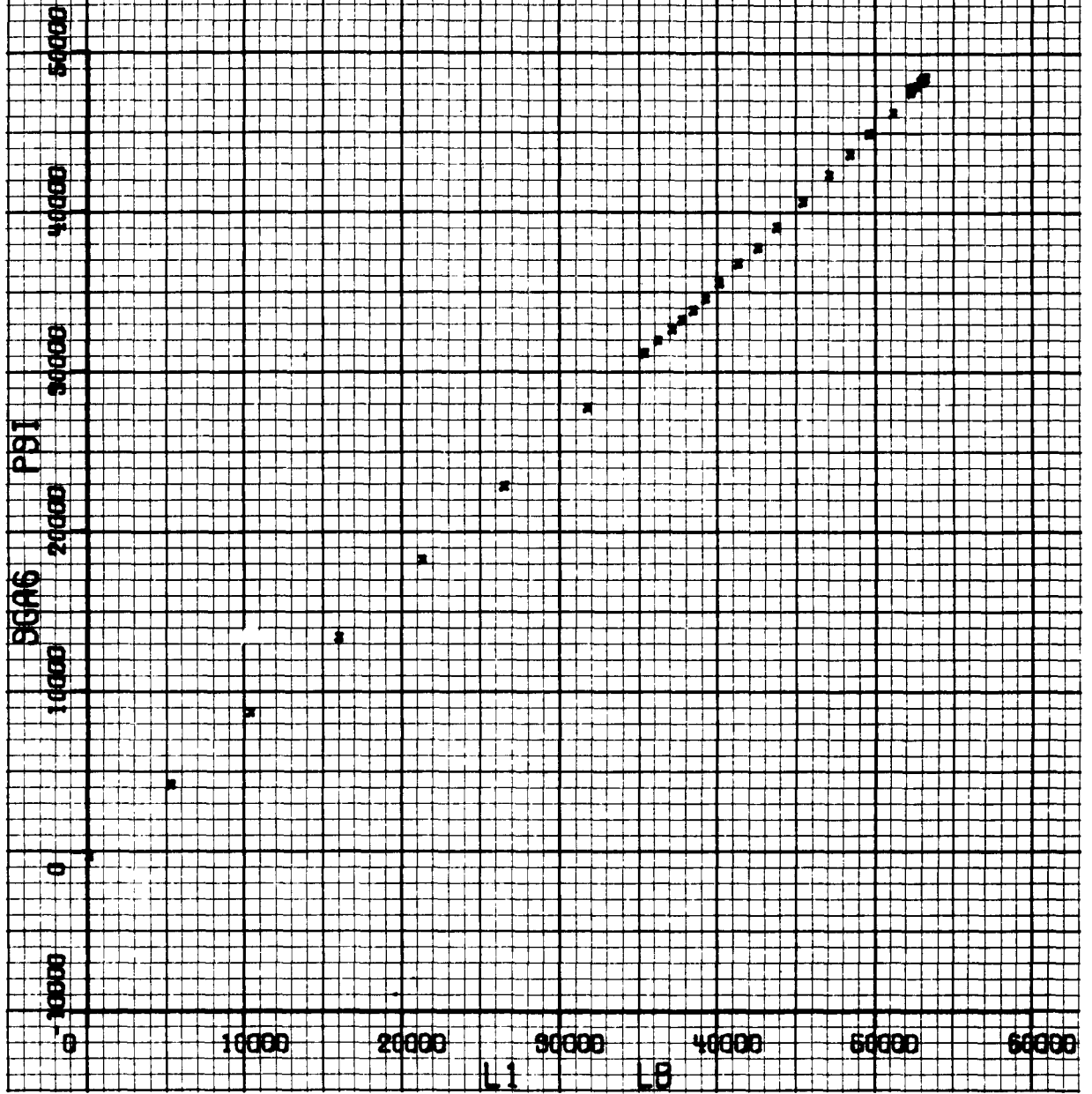
TEST 036 9/23





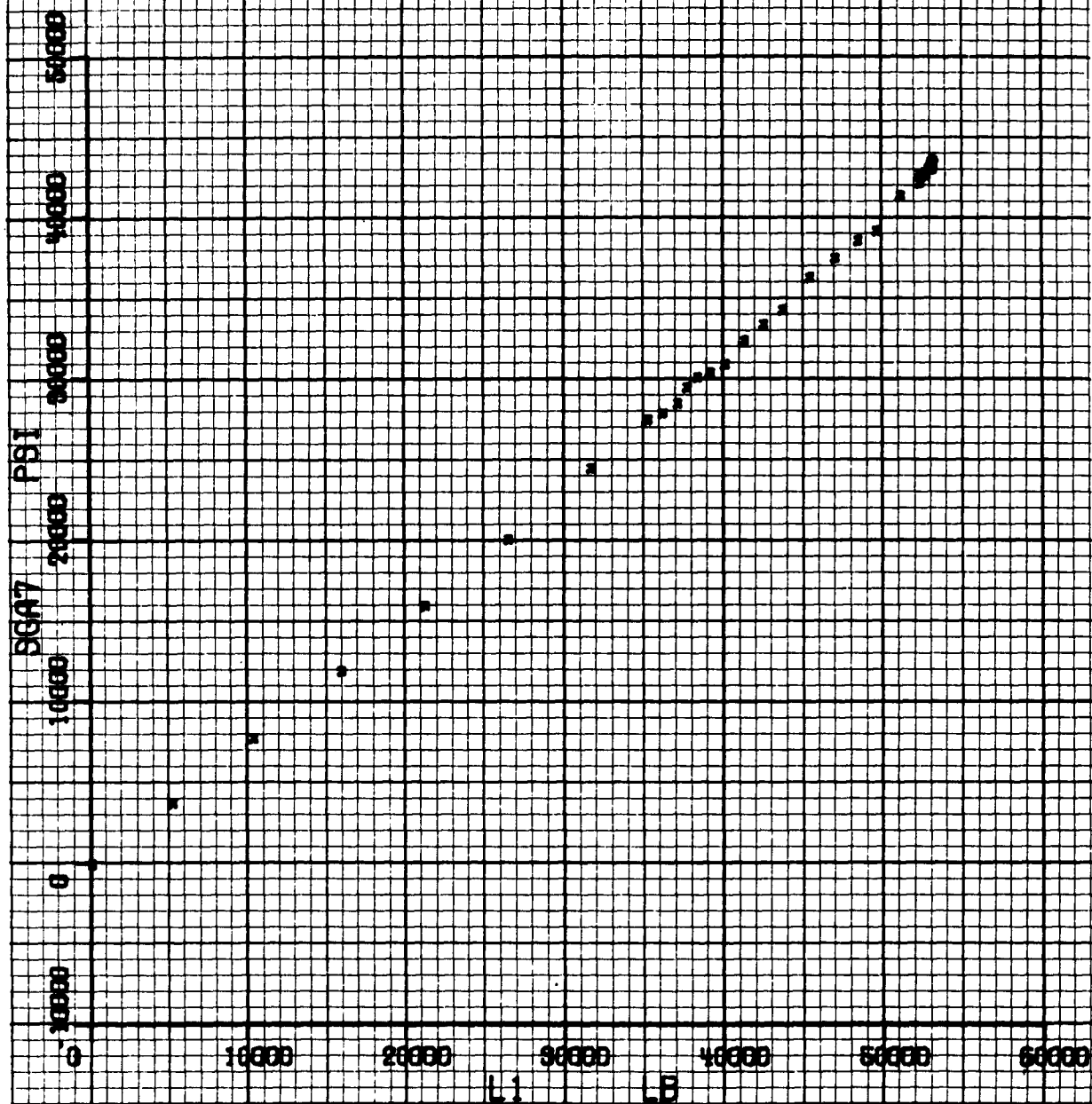
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



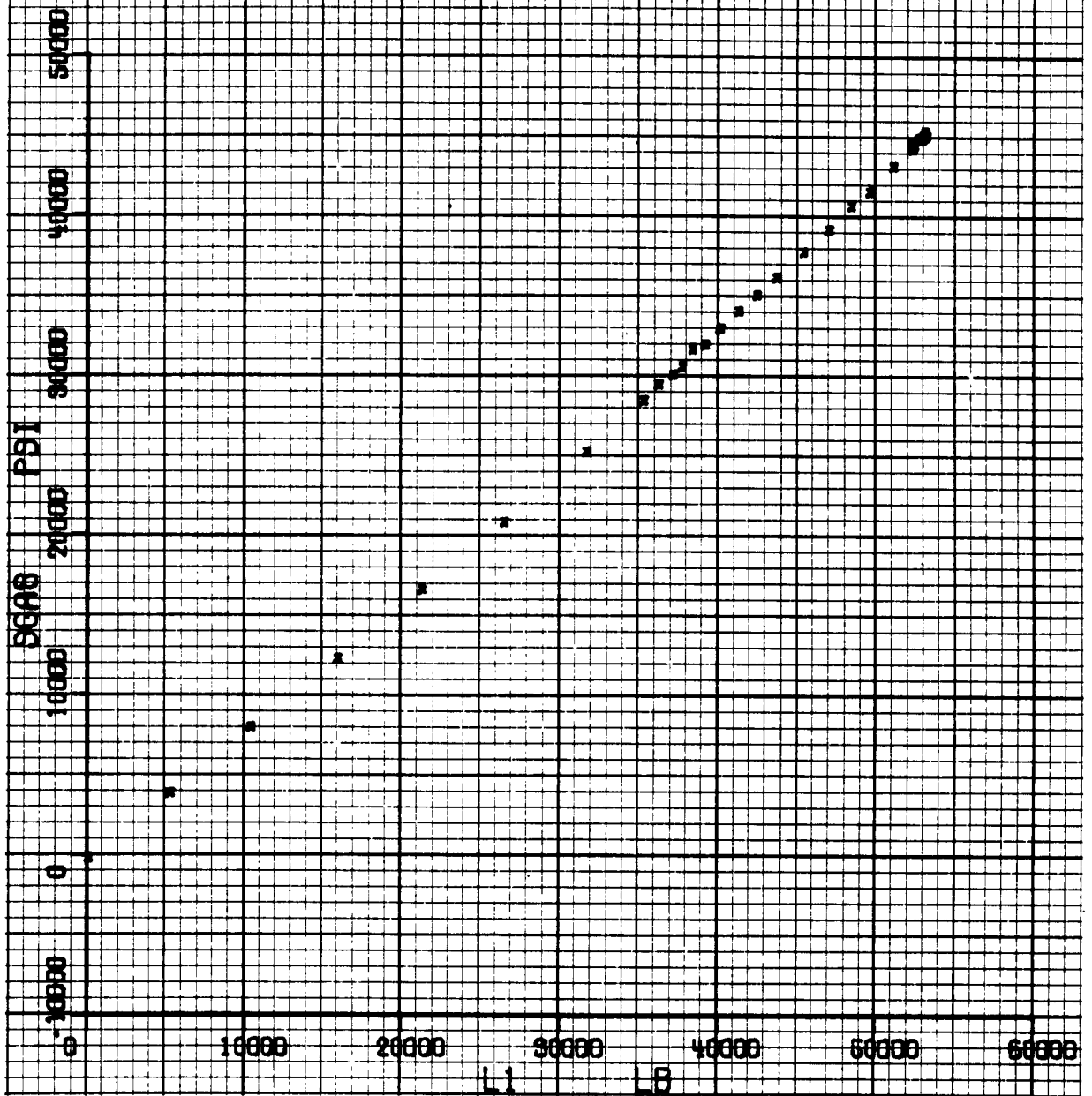
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



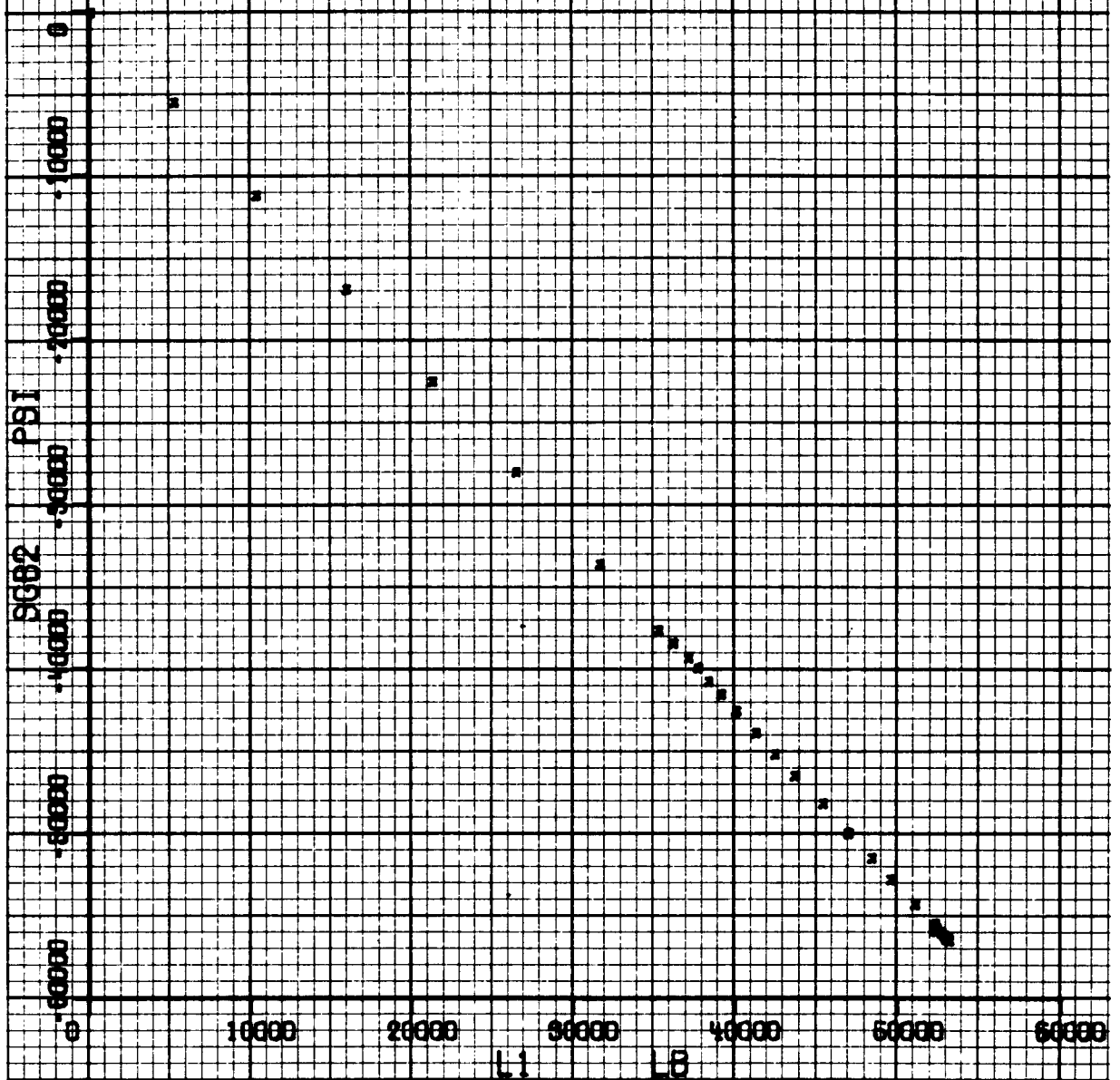
# SST WING BOX STATIC SPECIMEN

TEST 096 9/23



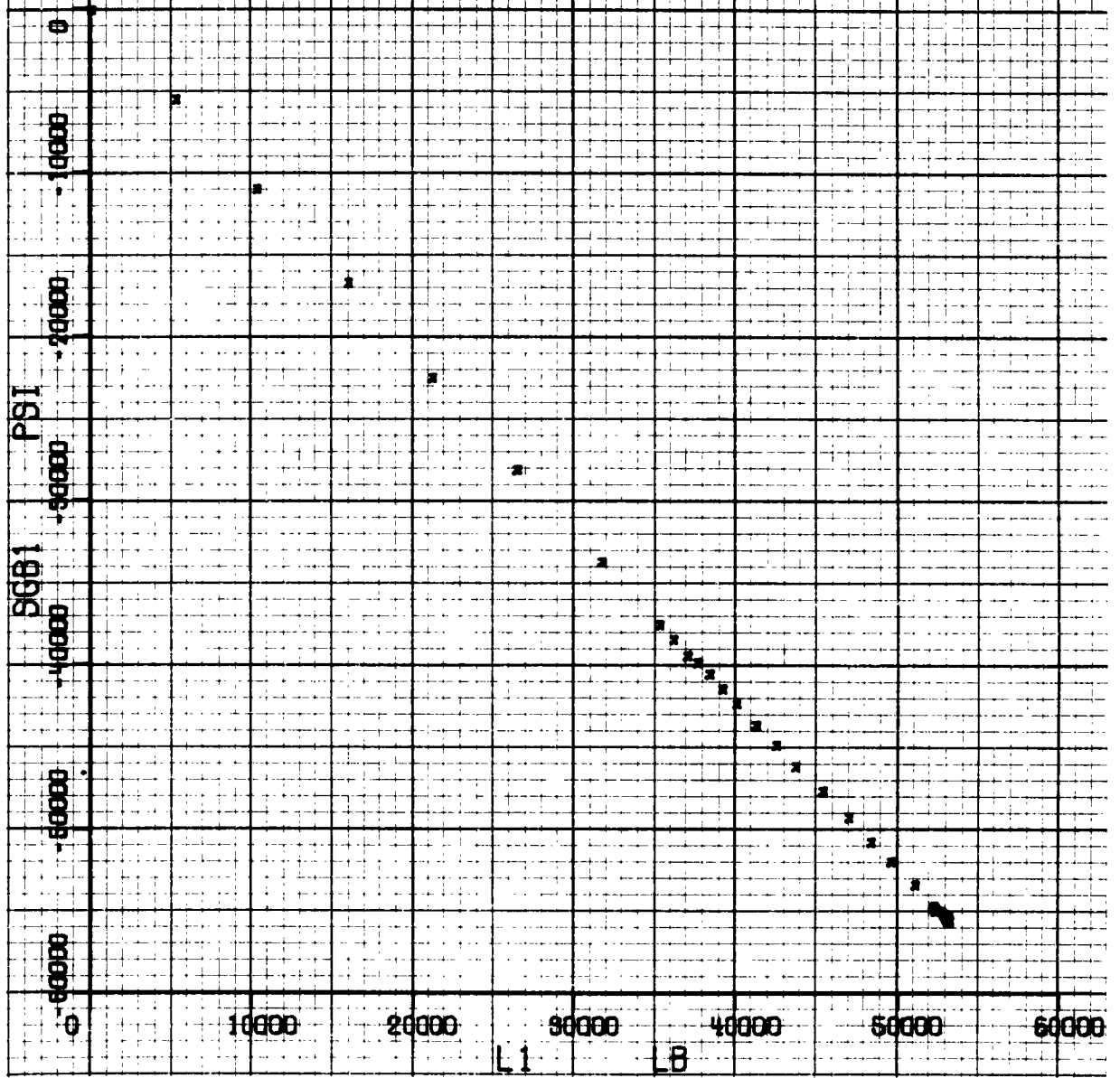
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



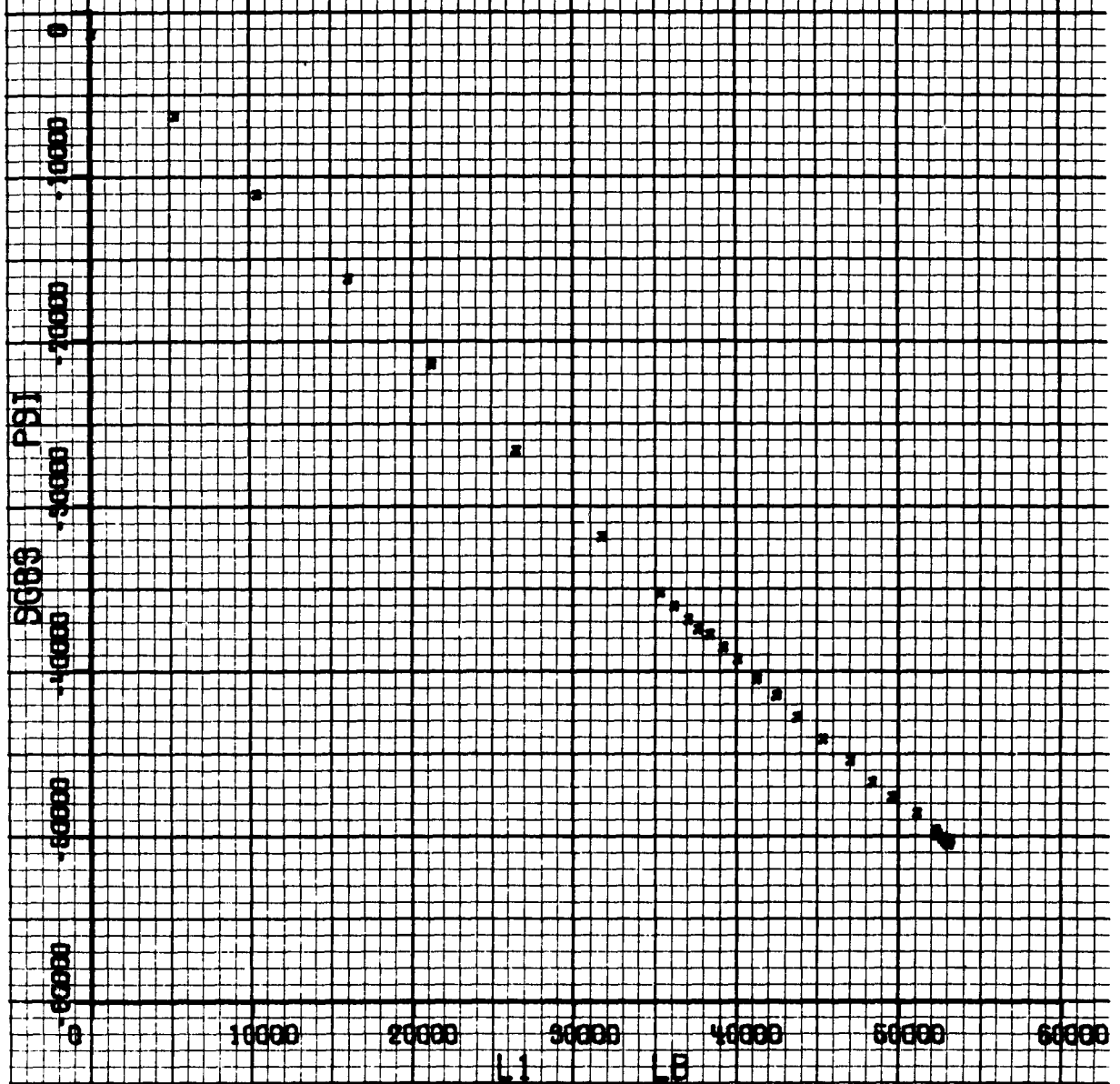
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

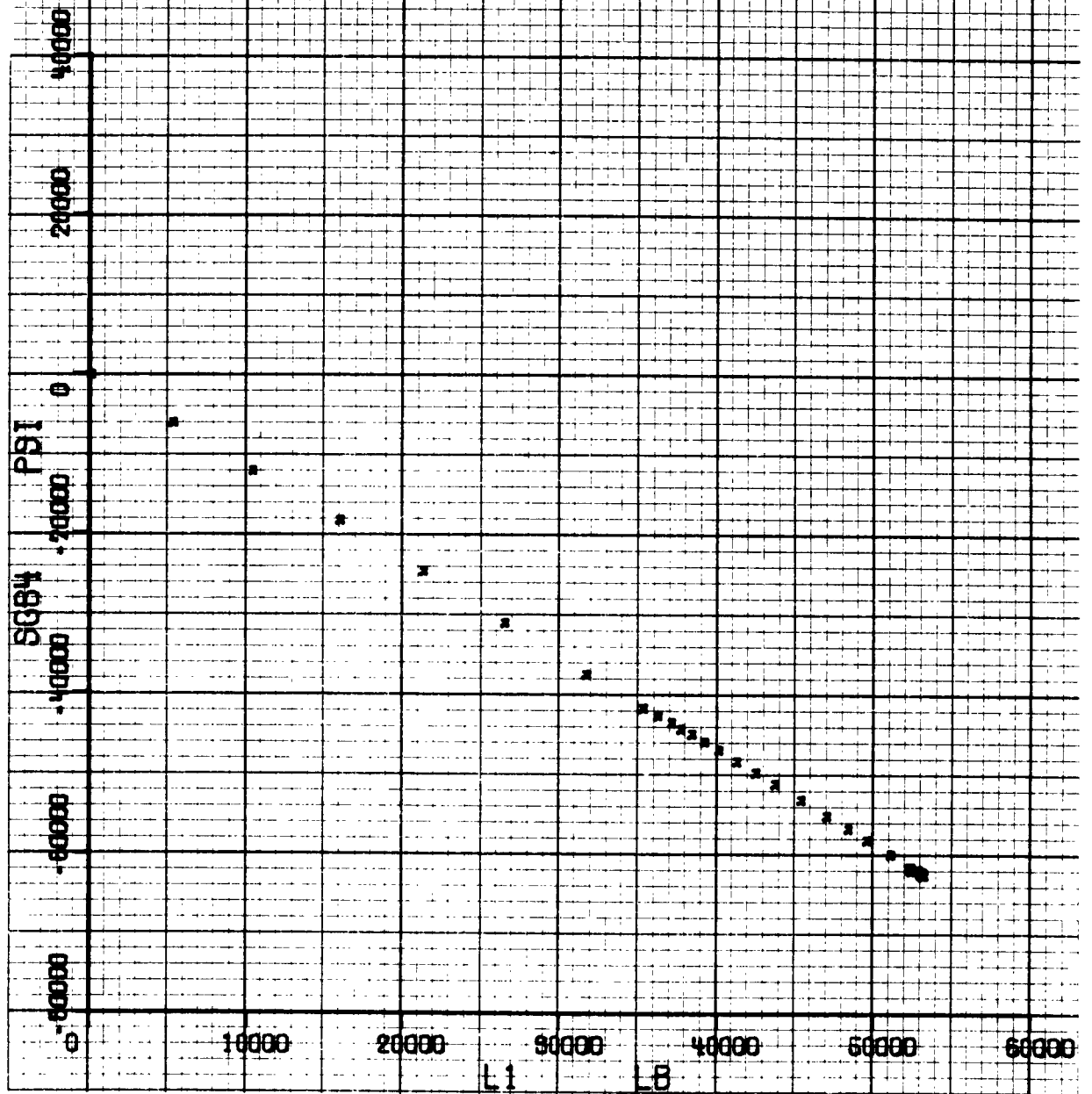
TEST 036 9/23





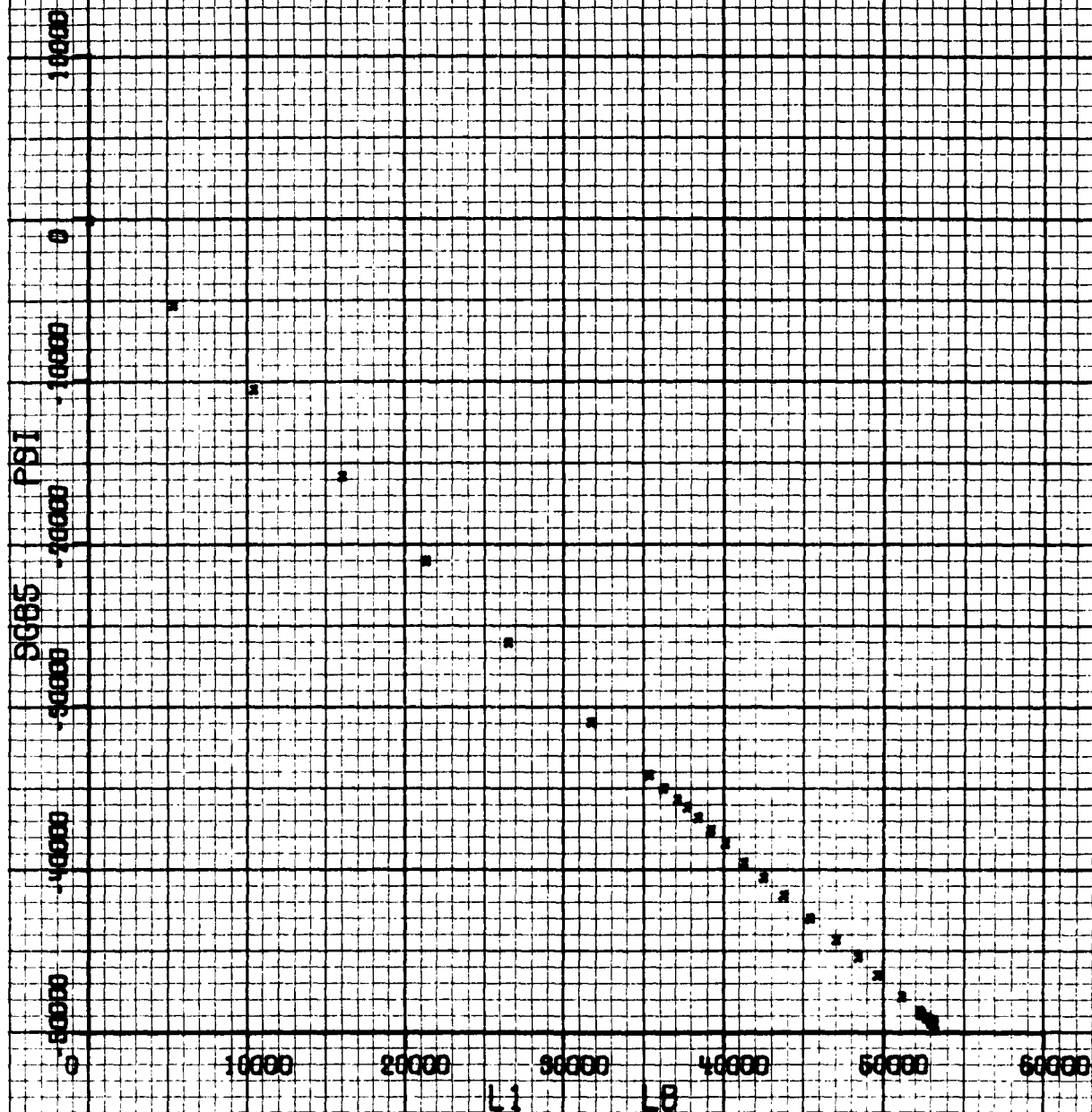
# SST WING BOX STATIC SPECIMEN

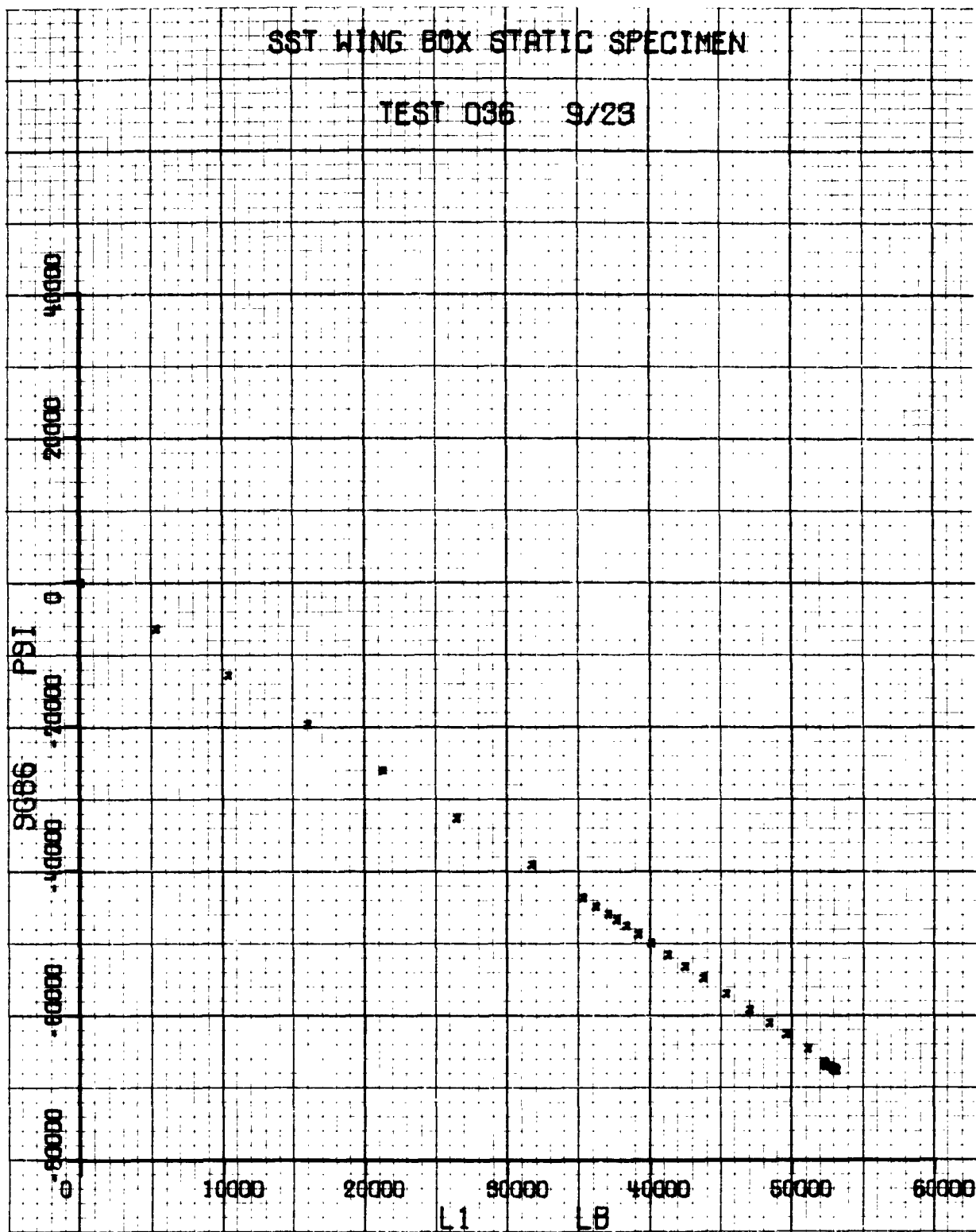
TEST 036 9/23

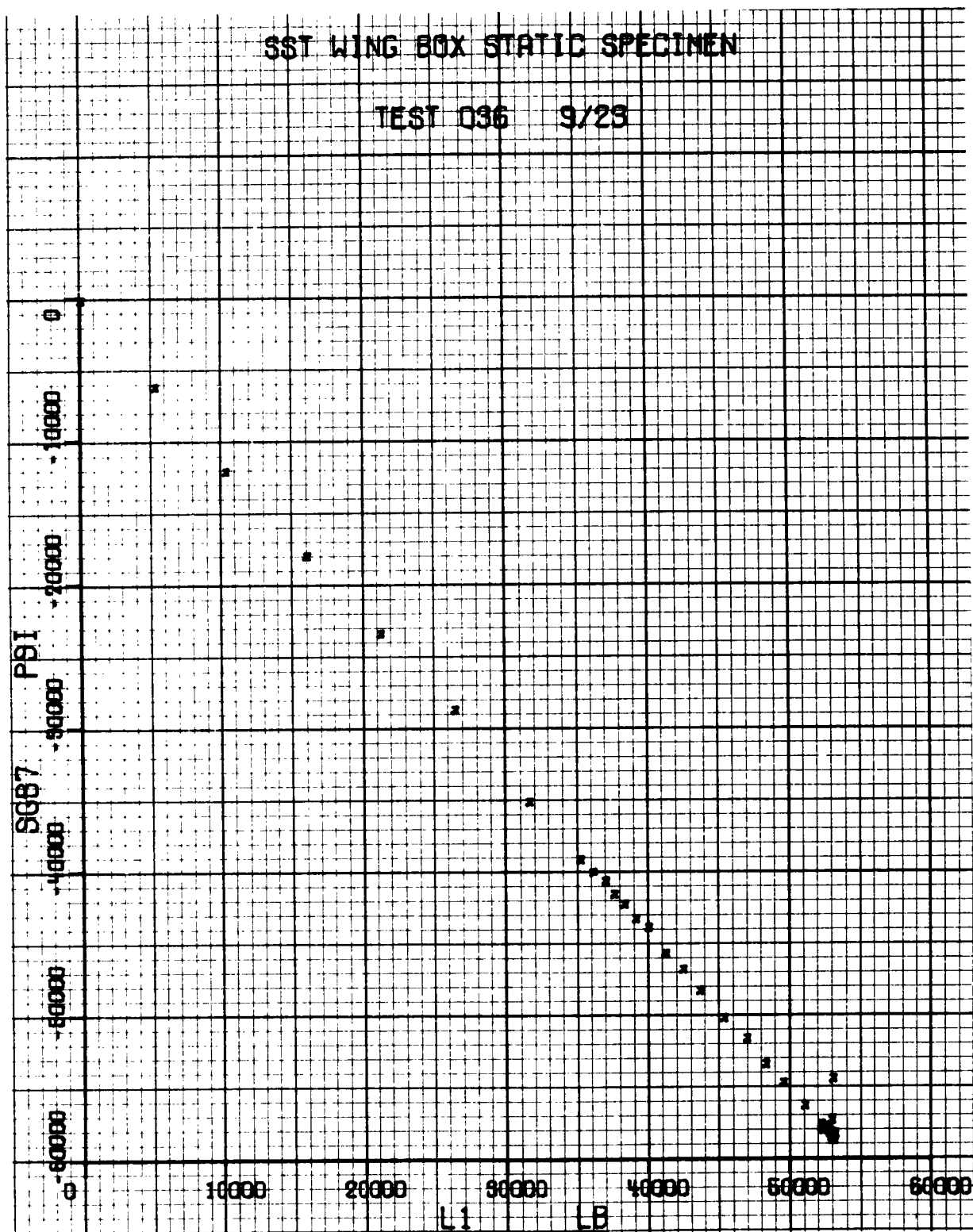


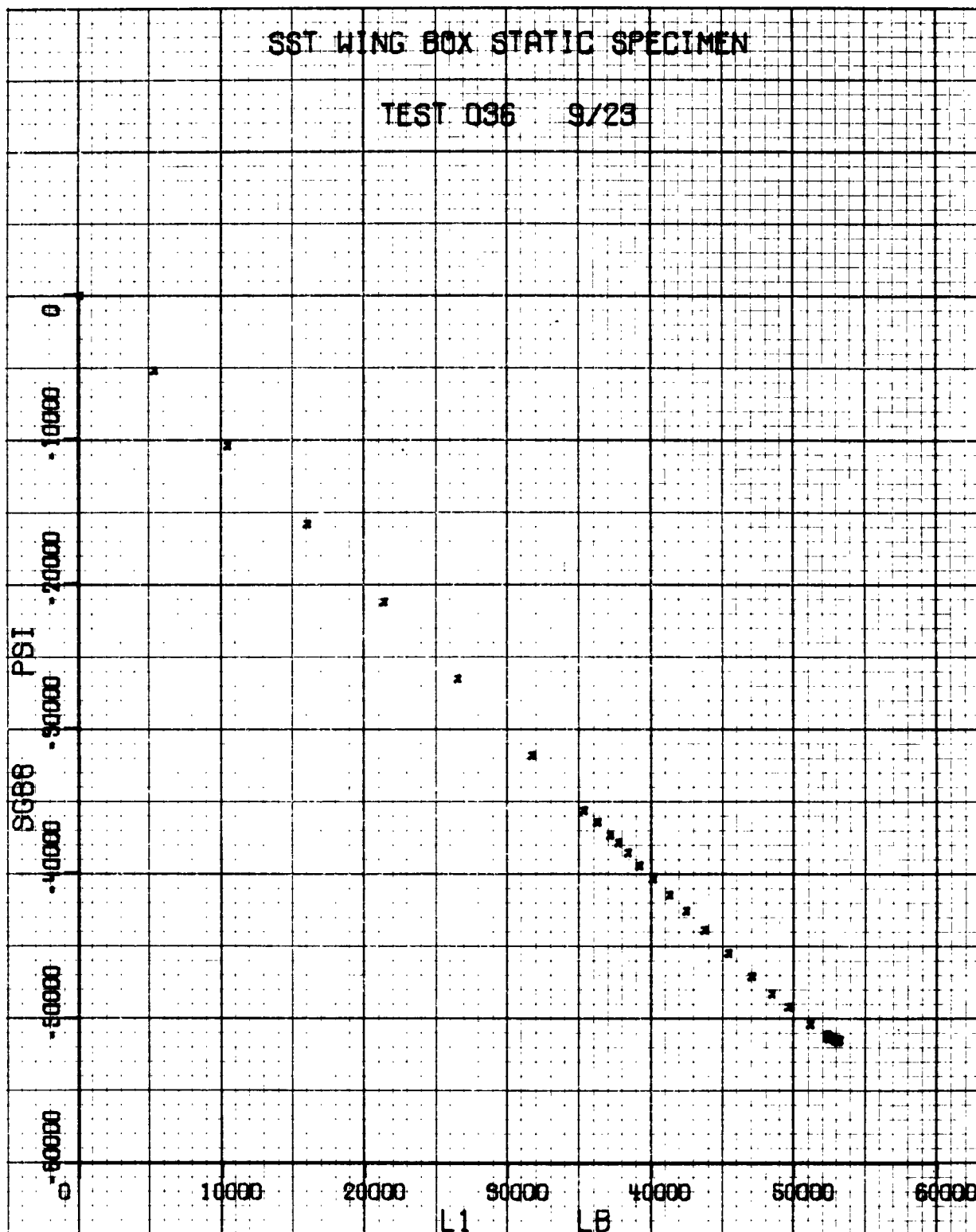
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



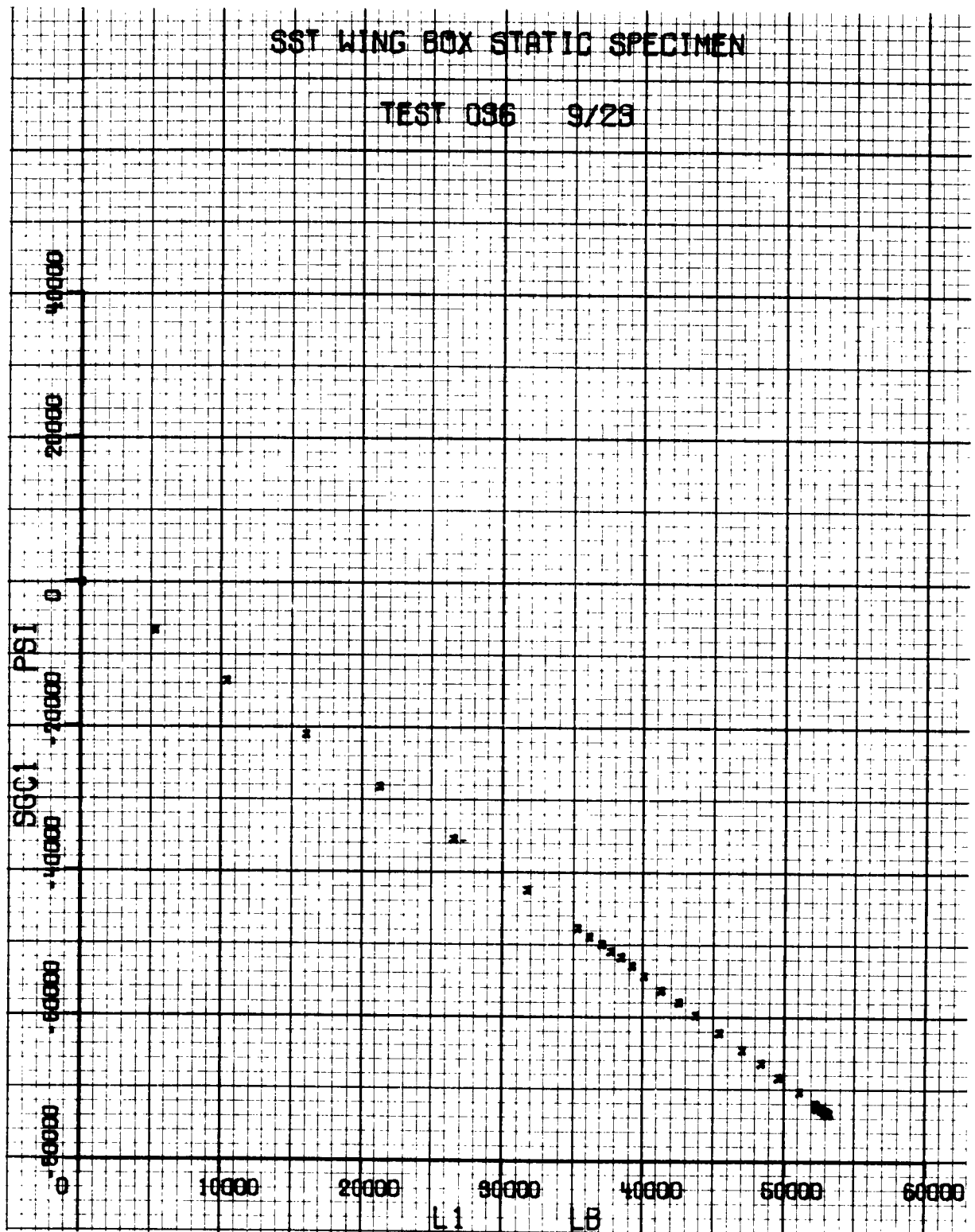






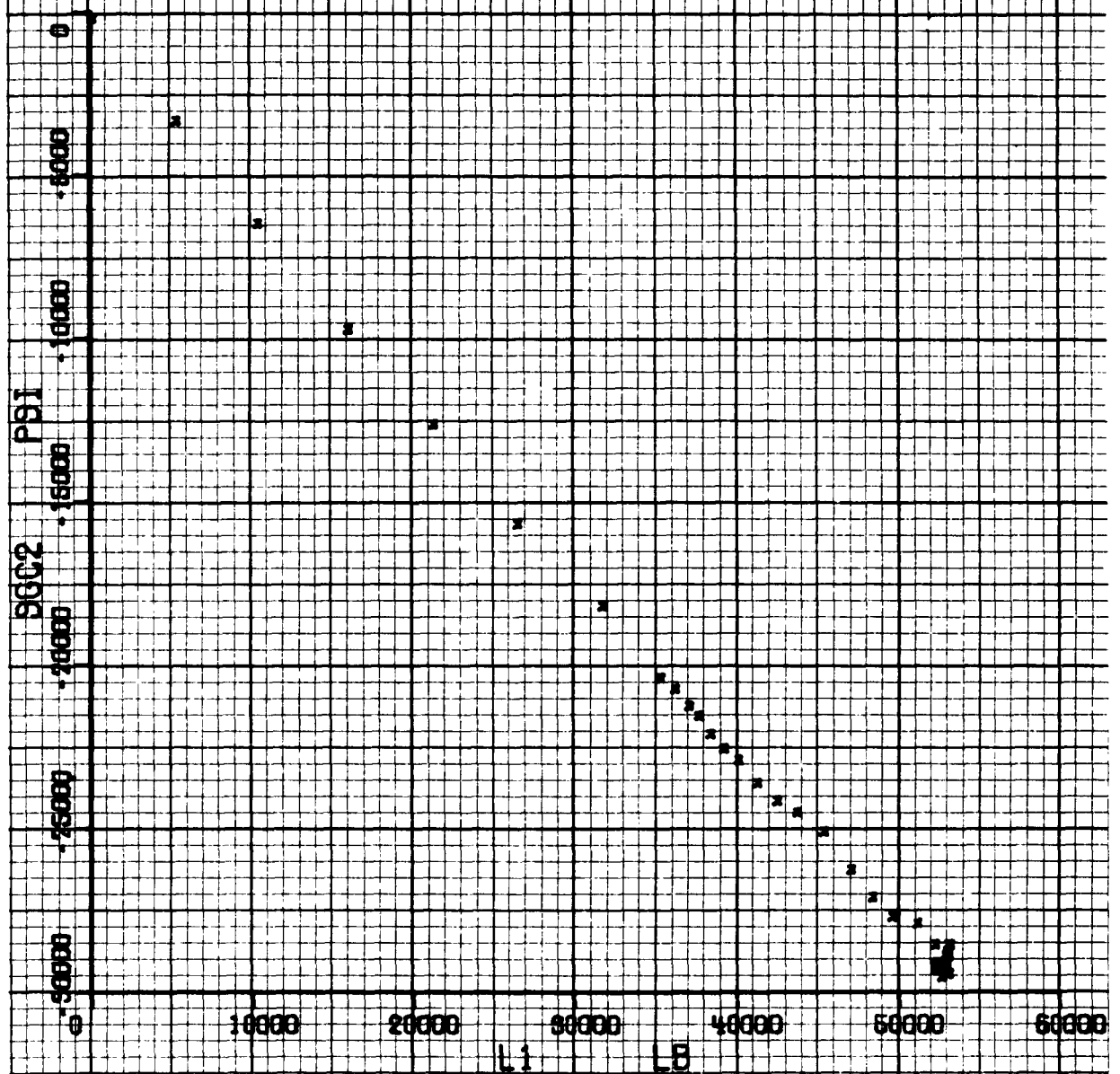
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



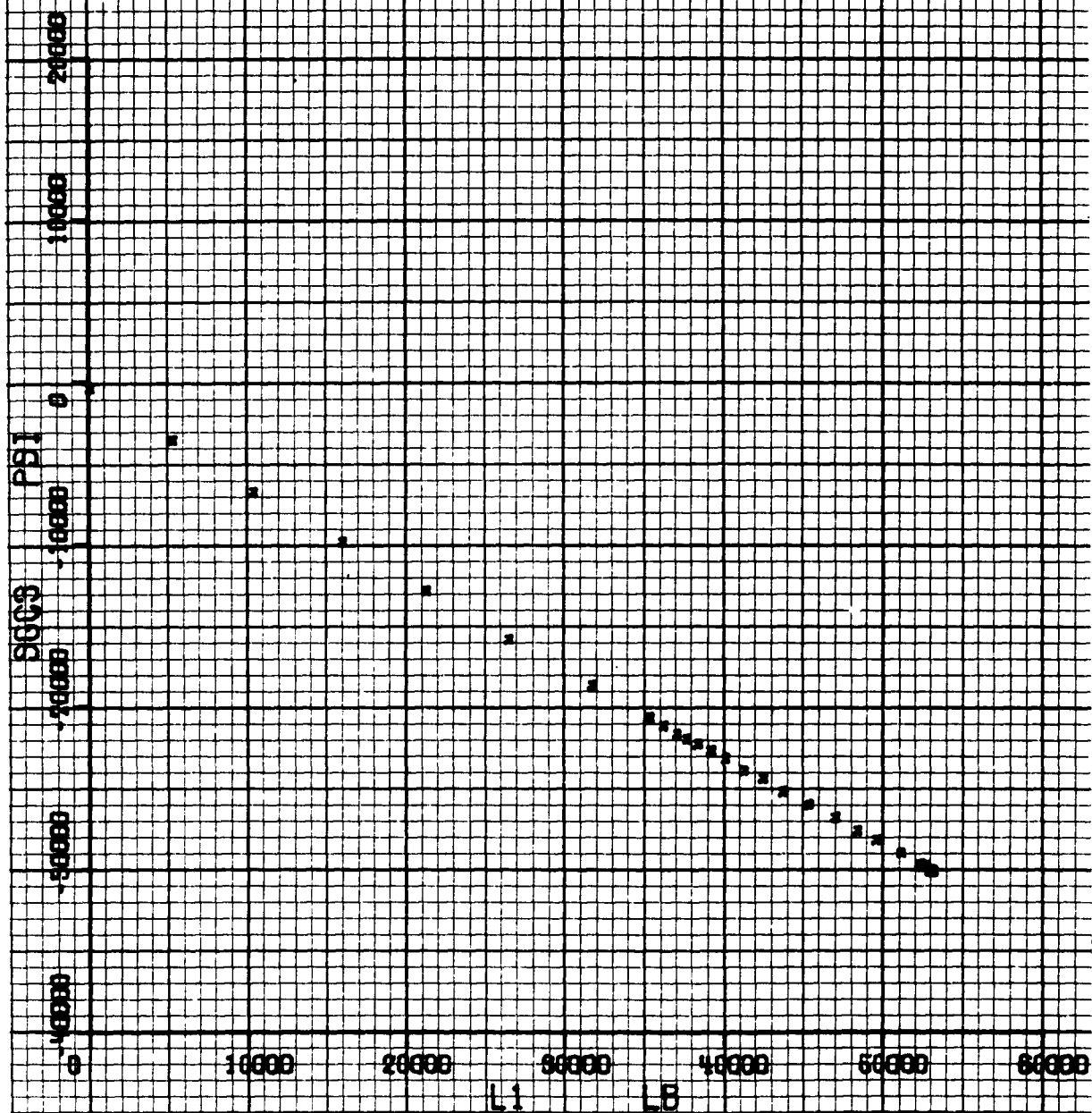
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

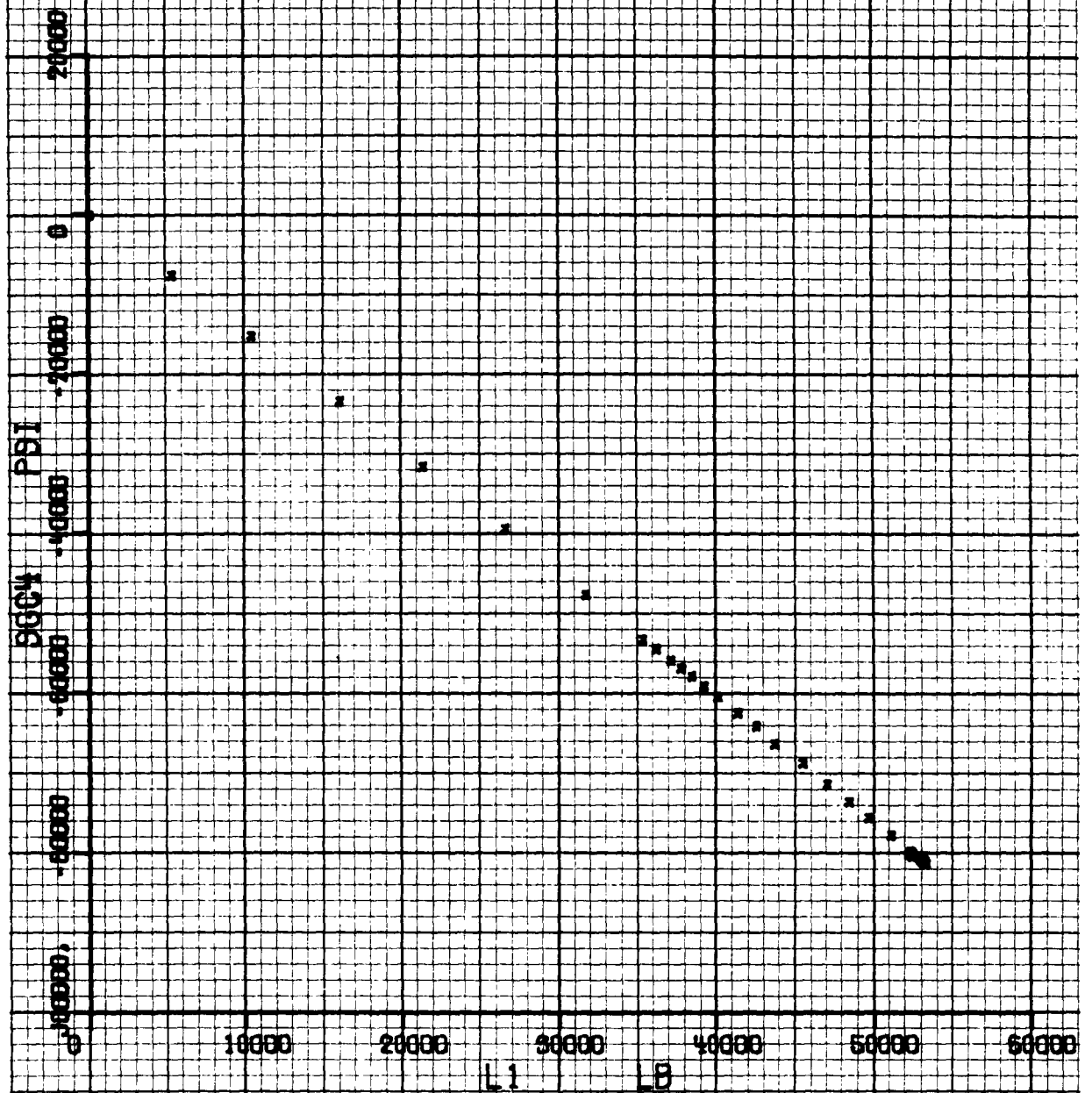
TEST 036 9/23





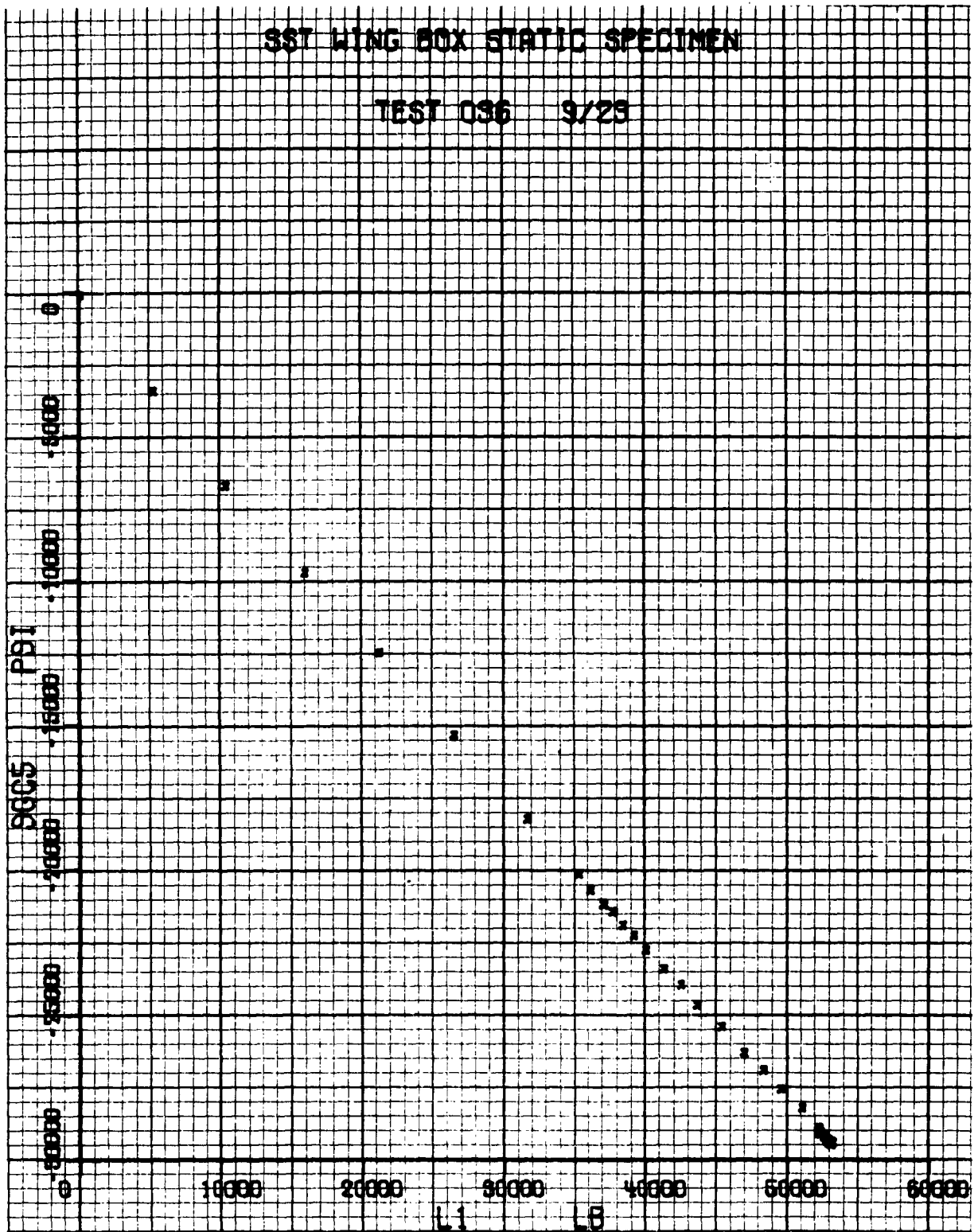
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



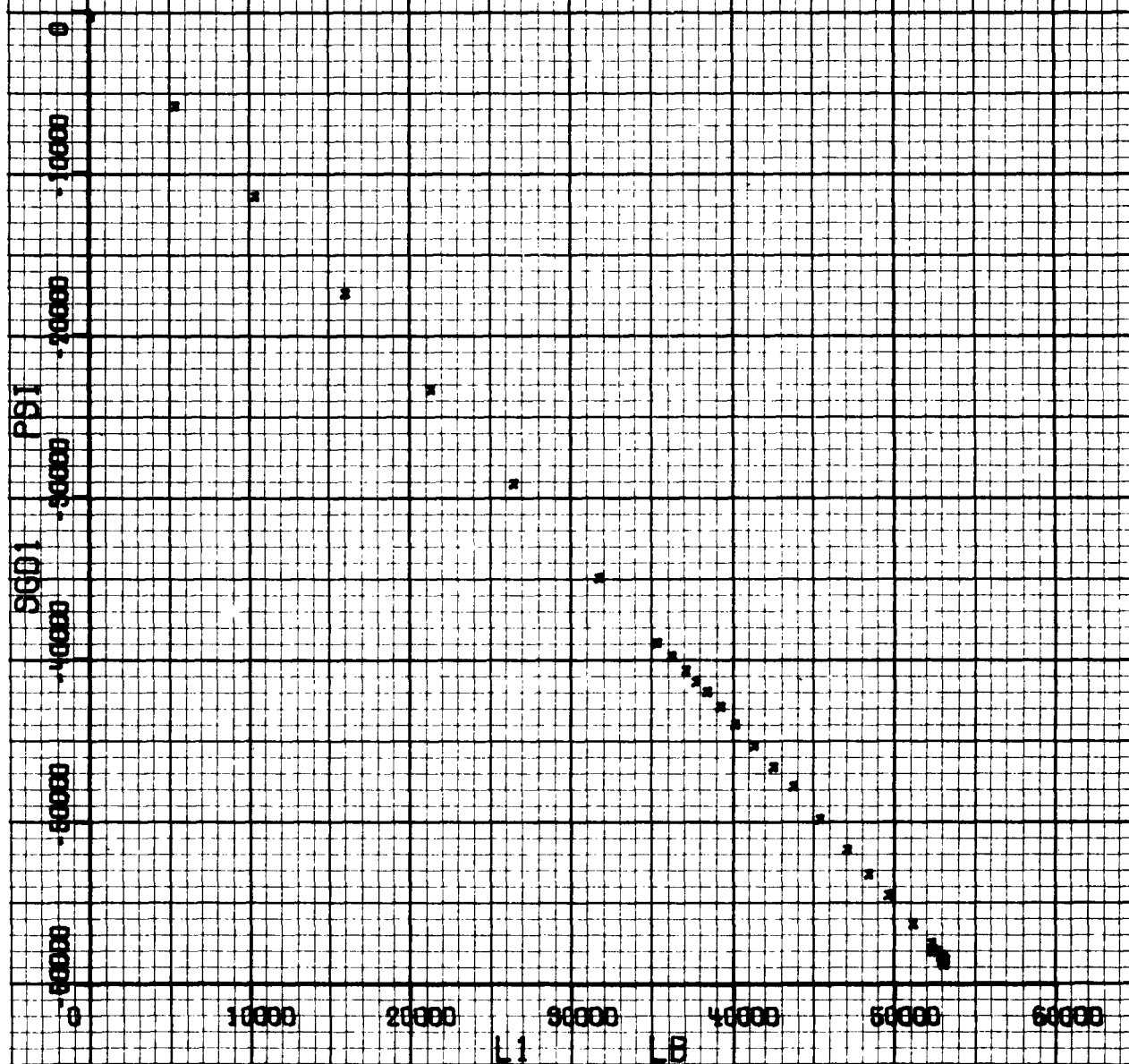
# SST WING BOX STATIC SPECIMEN

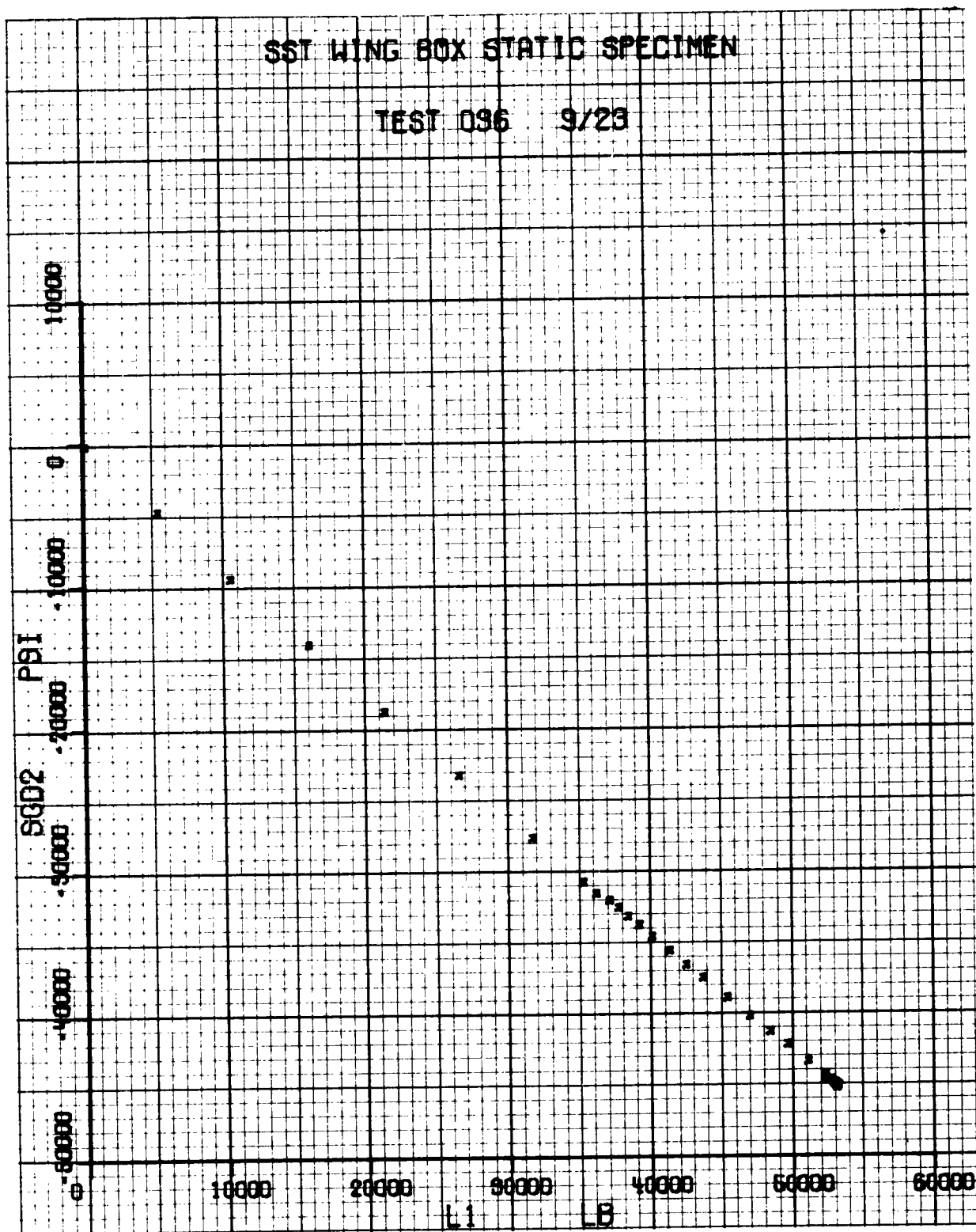
TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

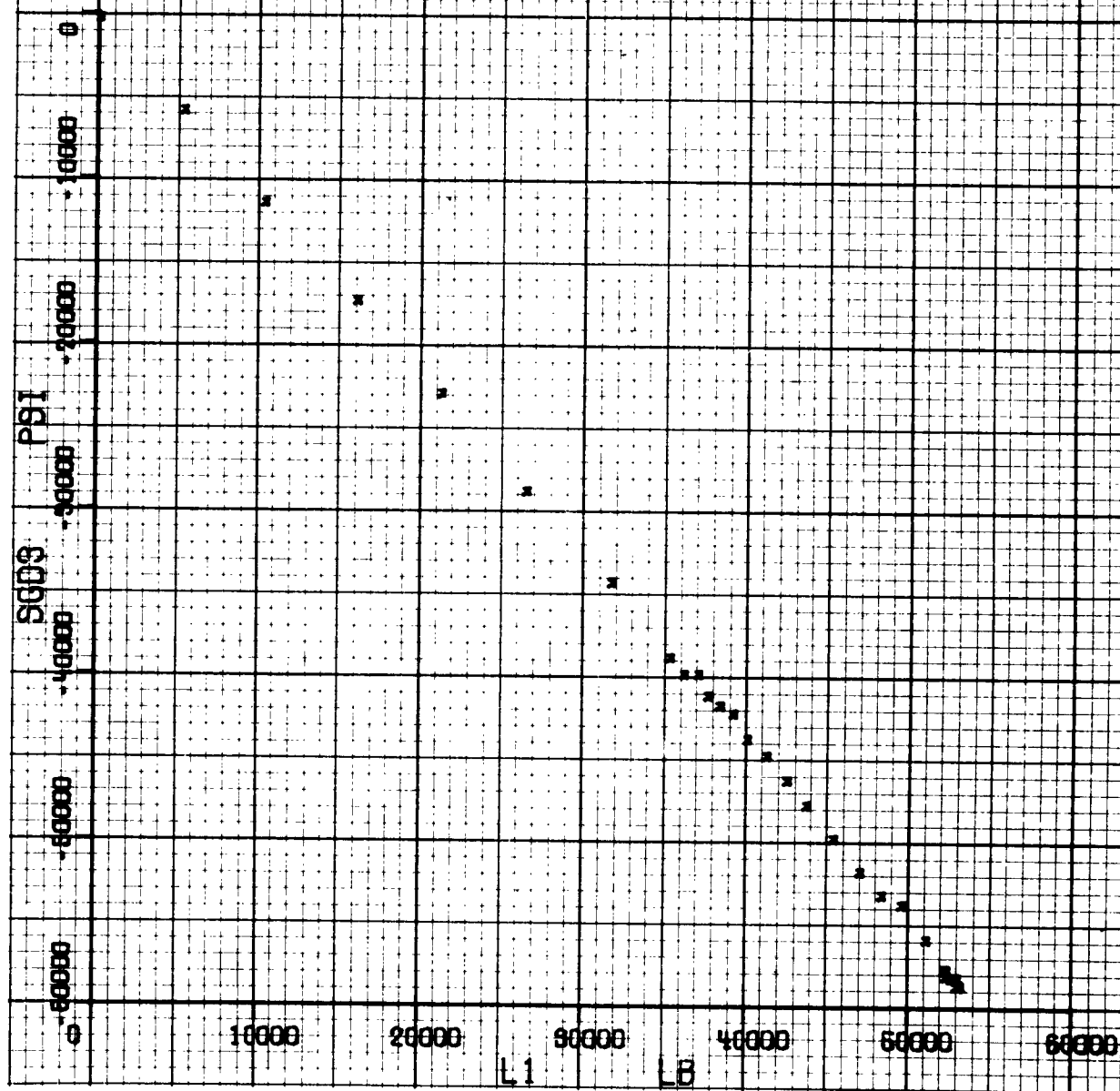
TEST 036 9/23





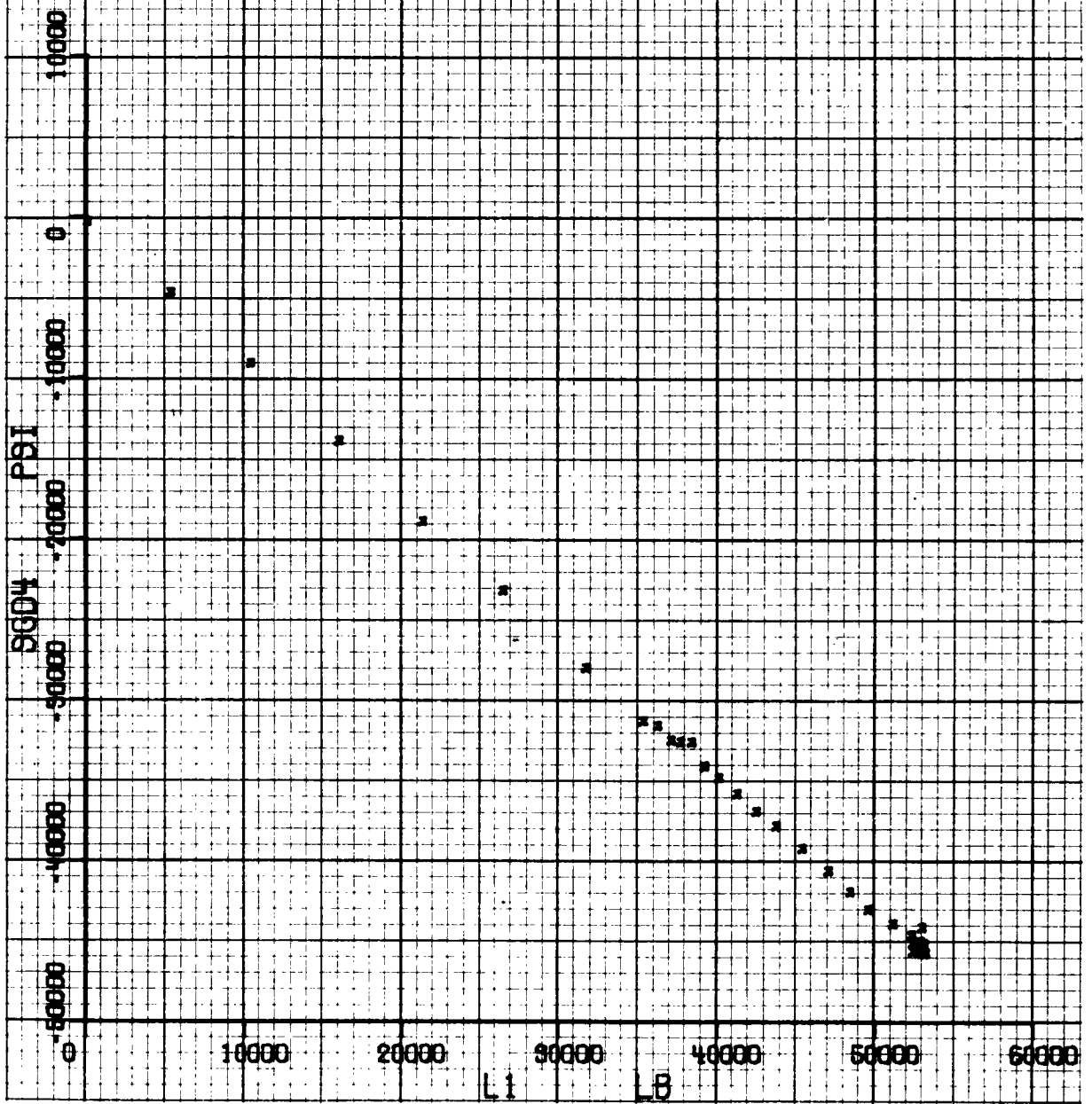
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



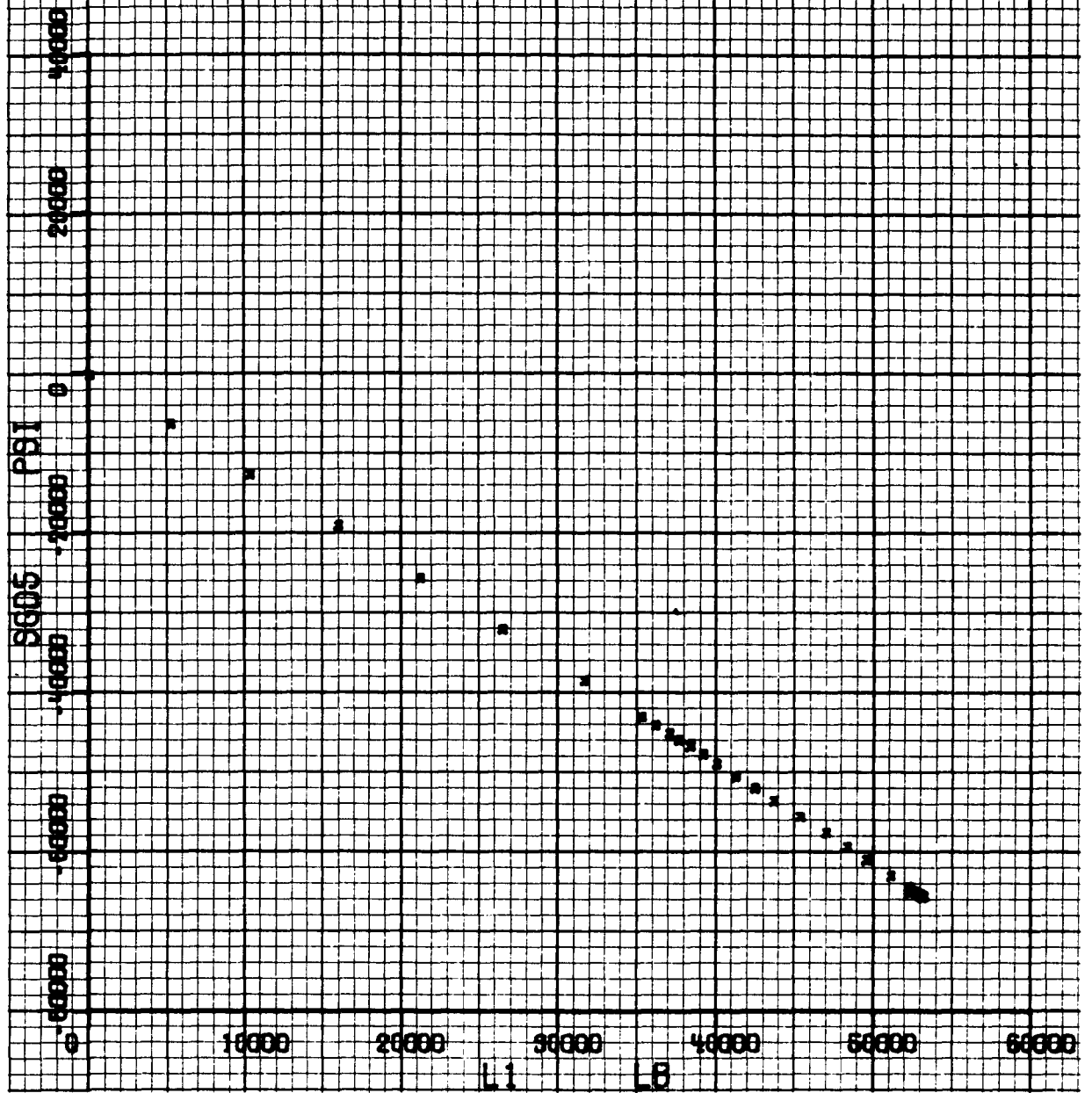
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



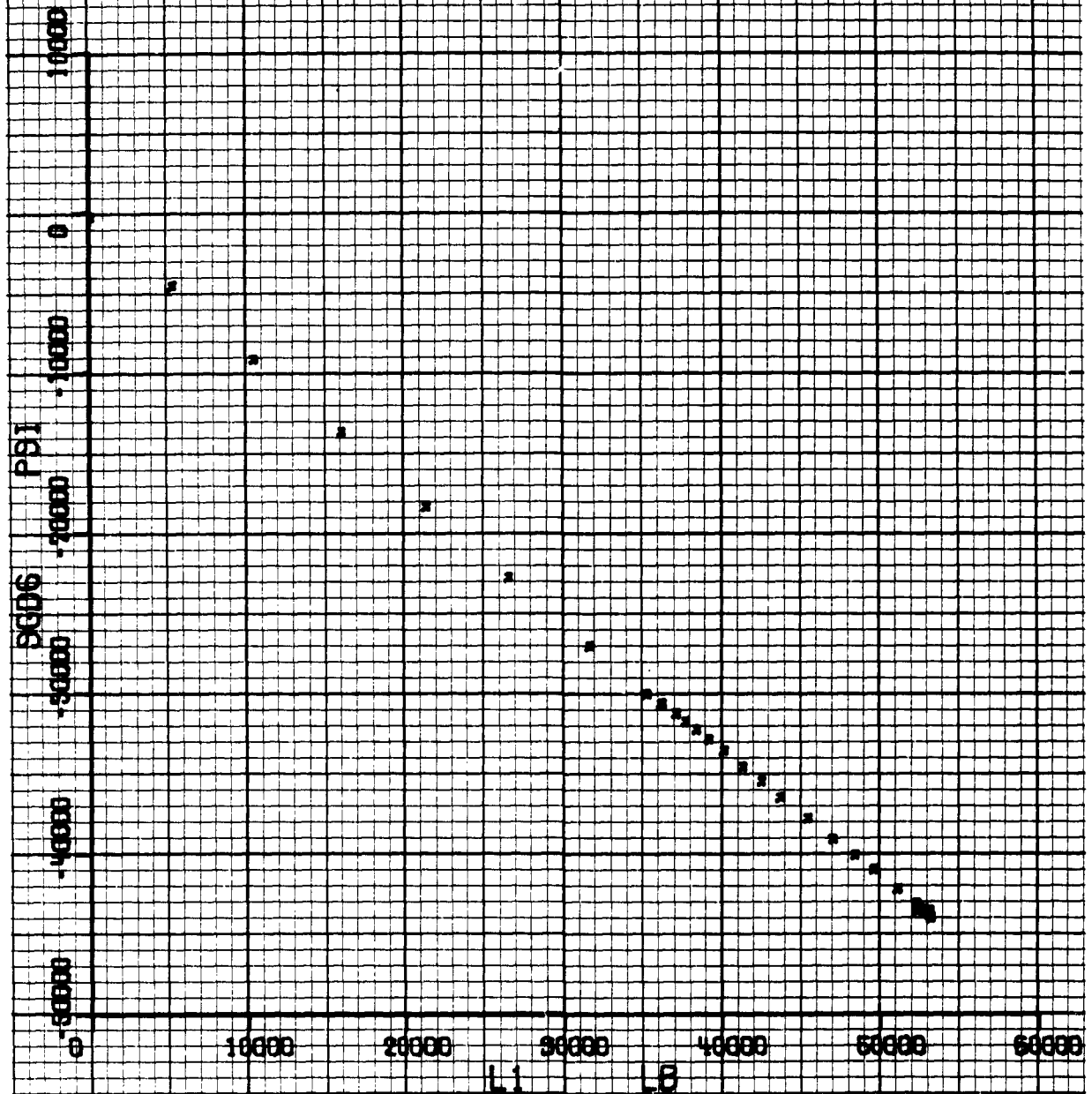
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

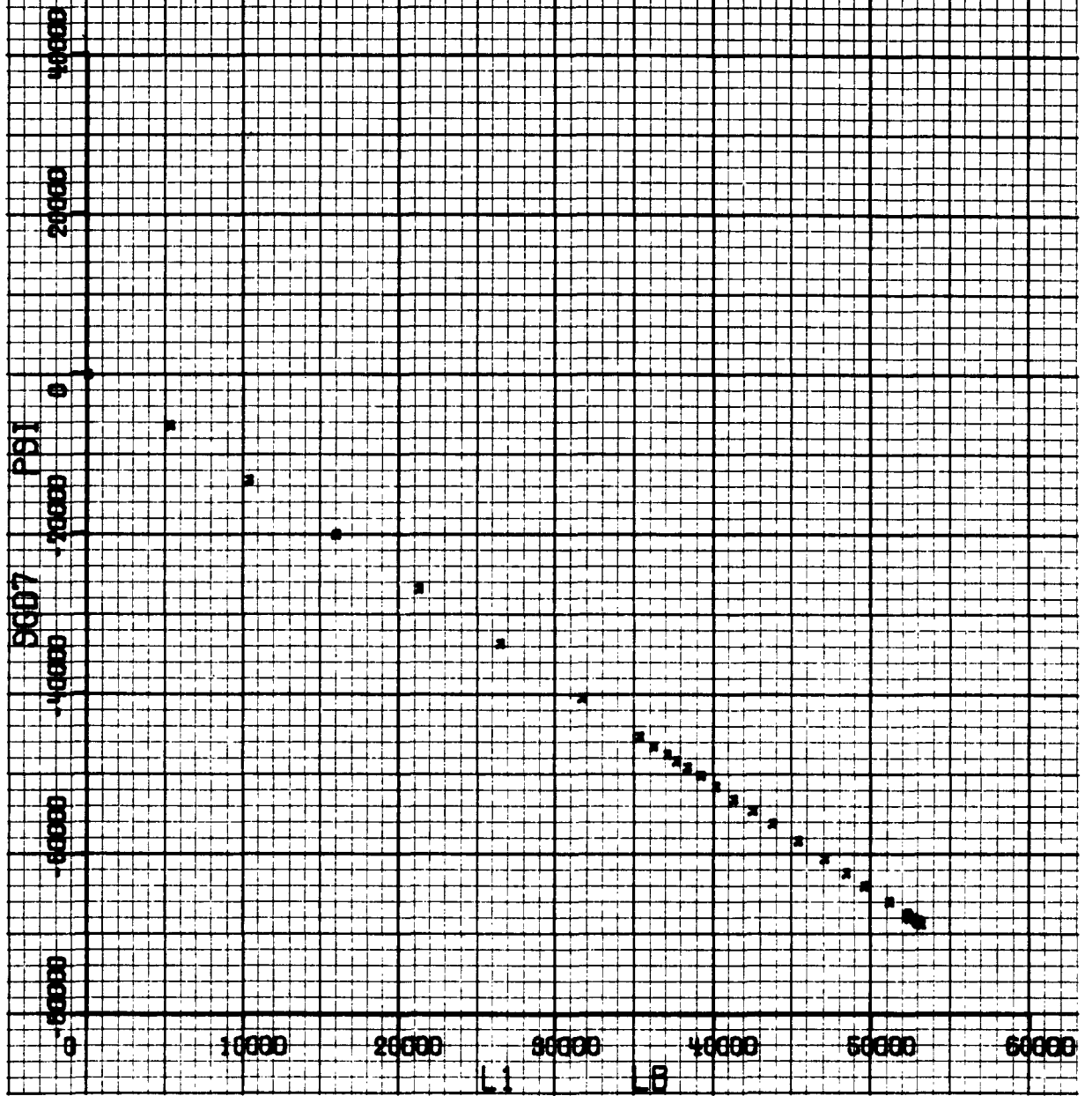
TEST 036 9/23

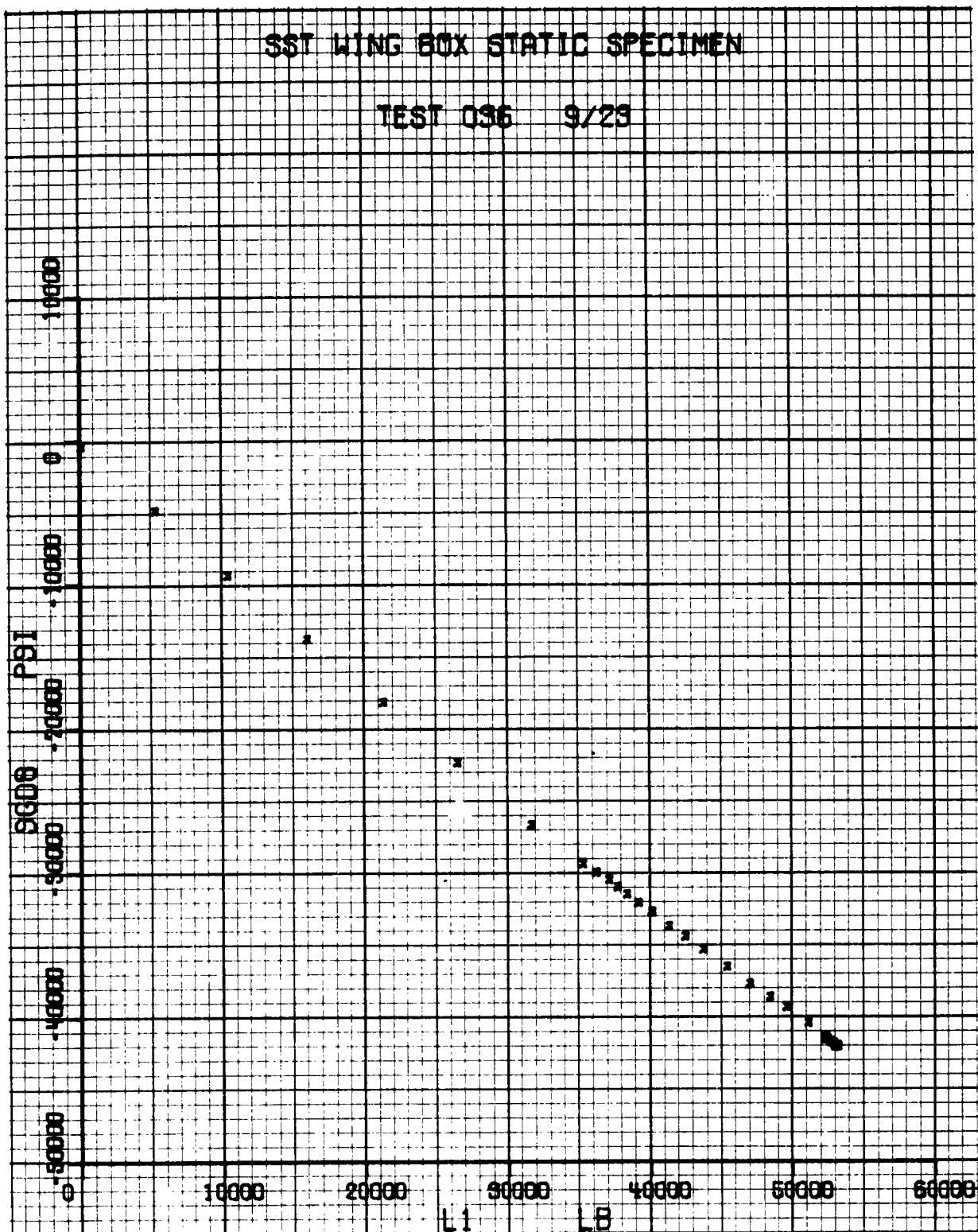




# SST WING BOX STATIC SPECIMEN

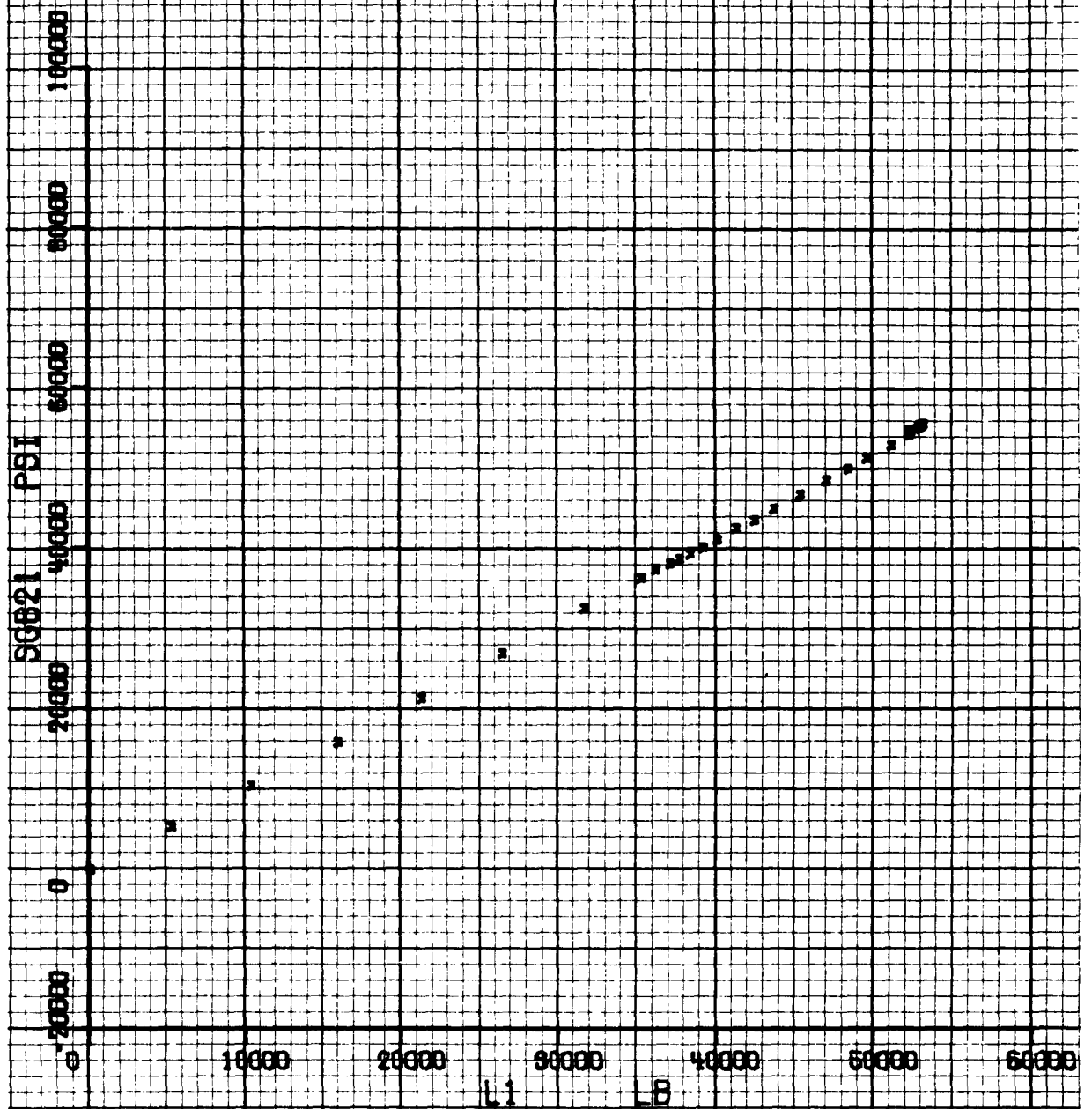
TEST 036 9/25





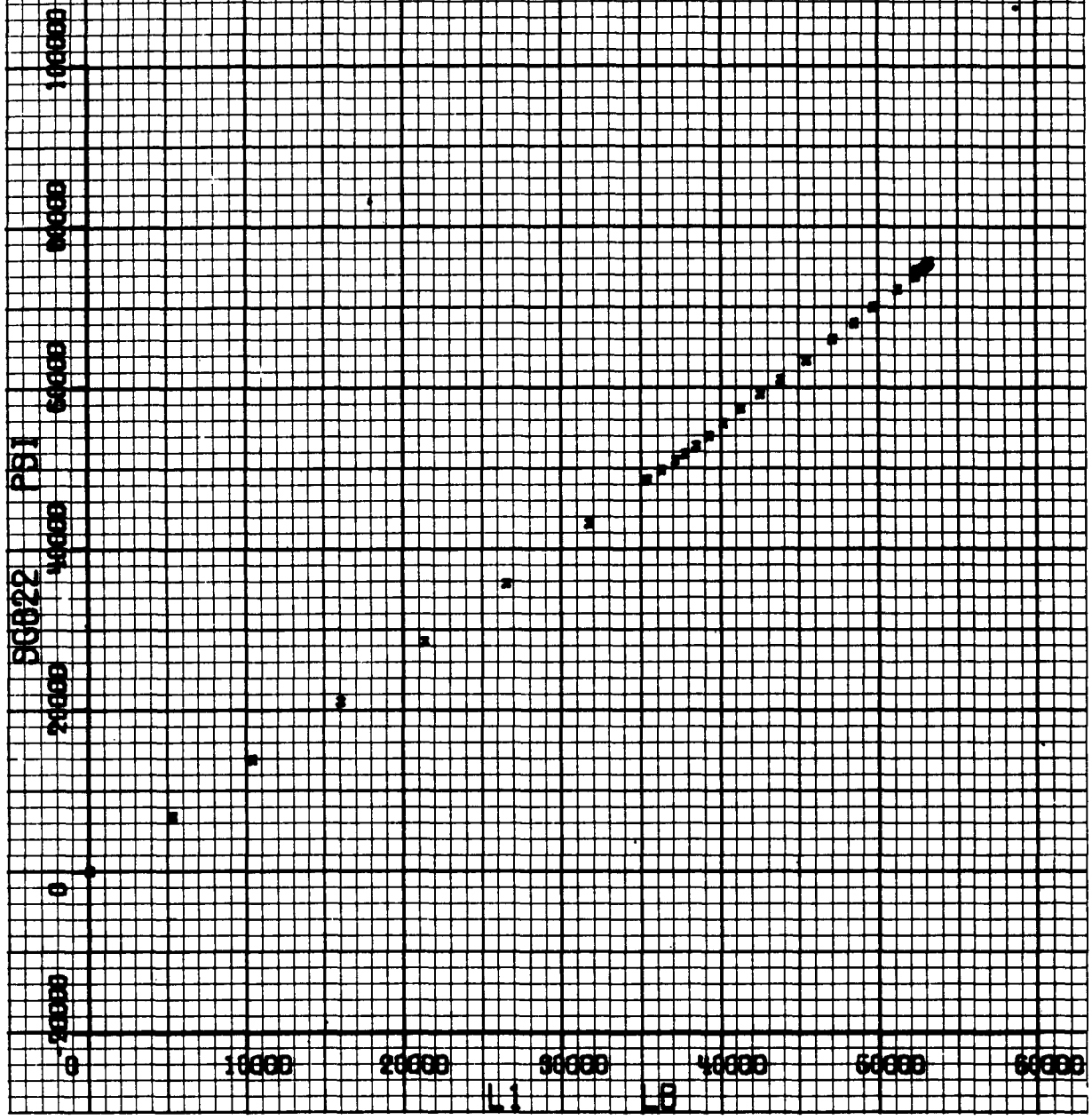
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



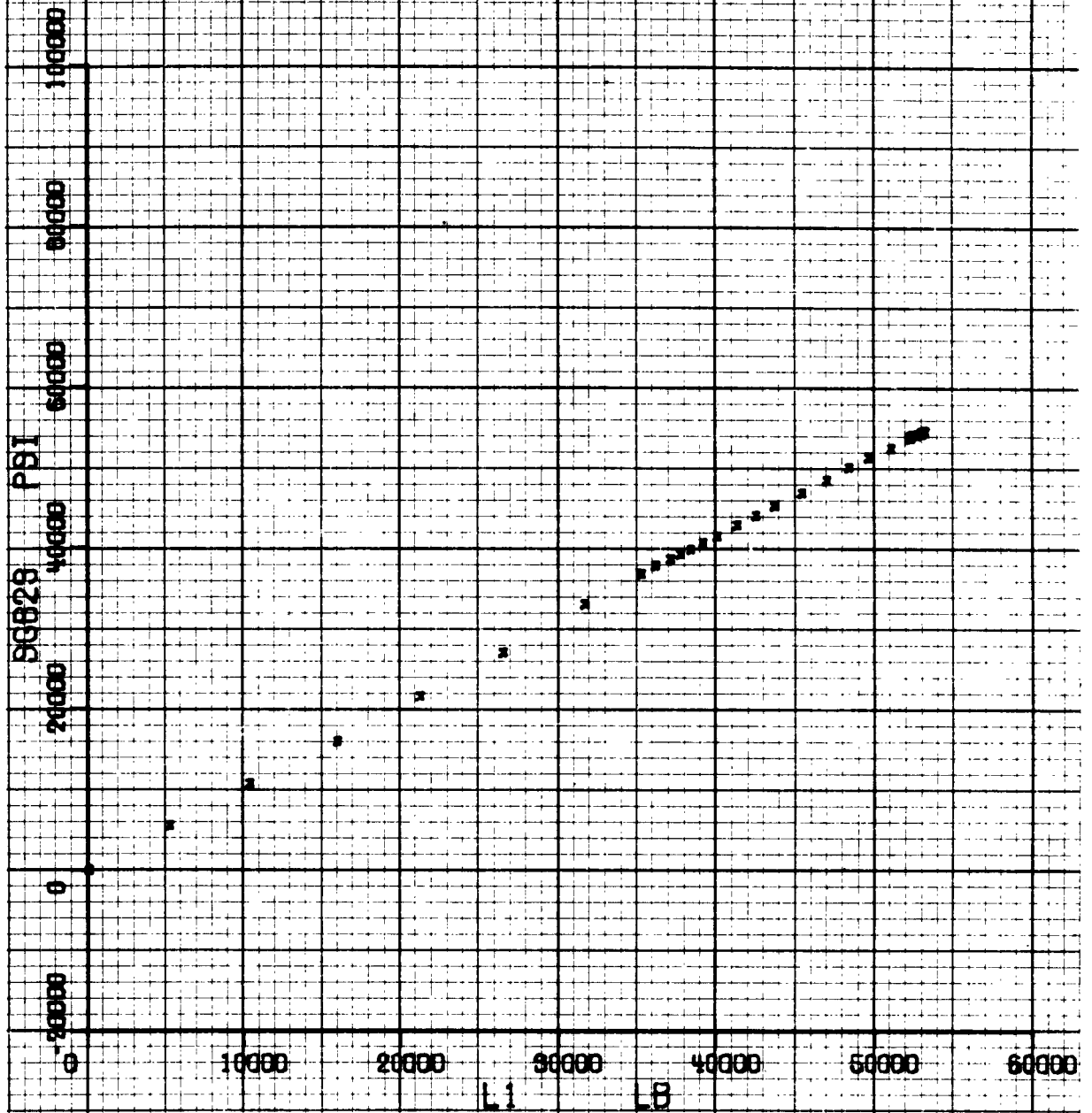
# SST WING BOX STATIC SPECIMEN

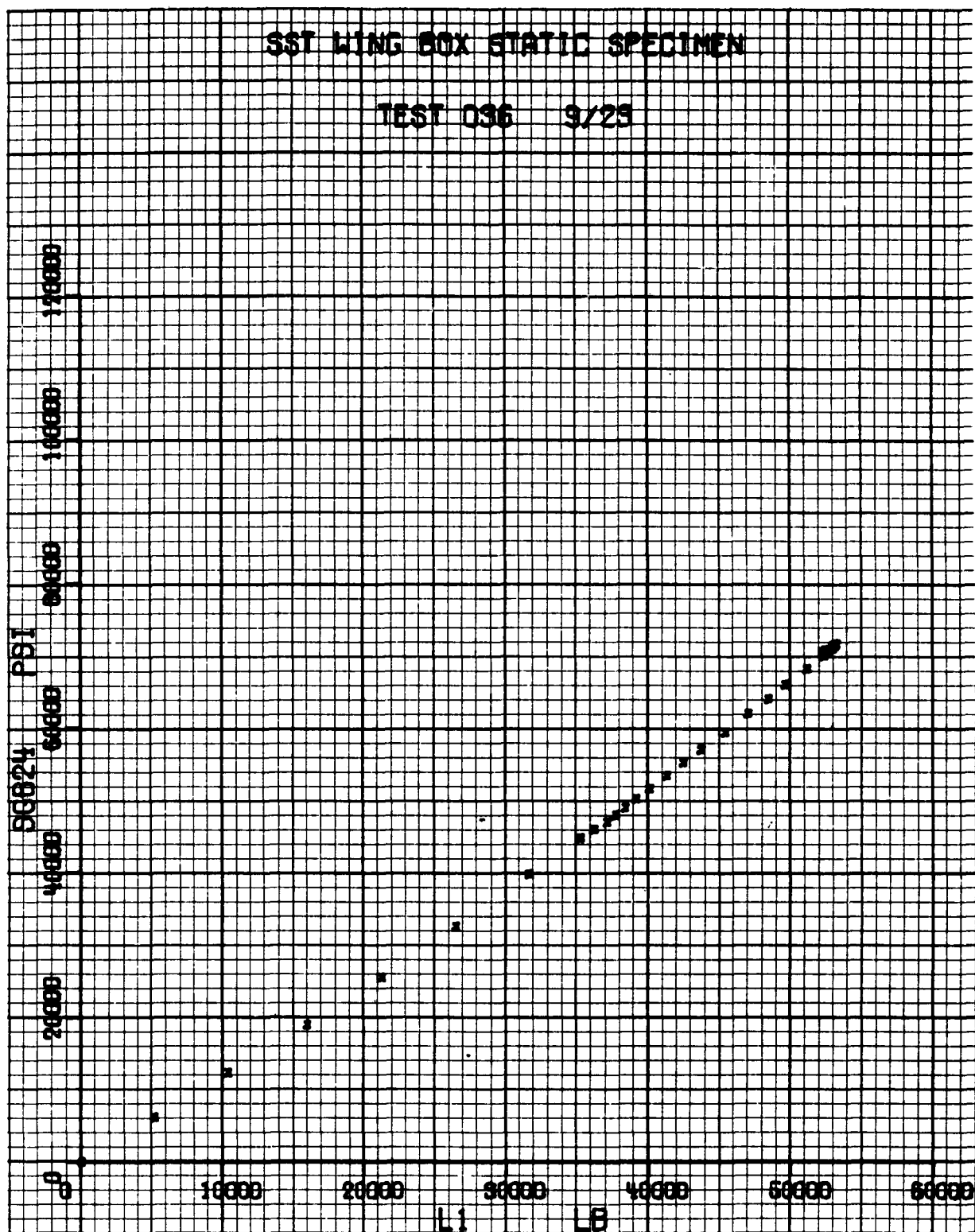
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

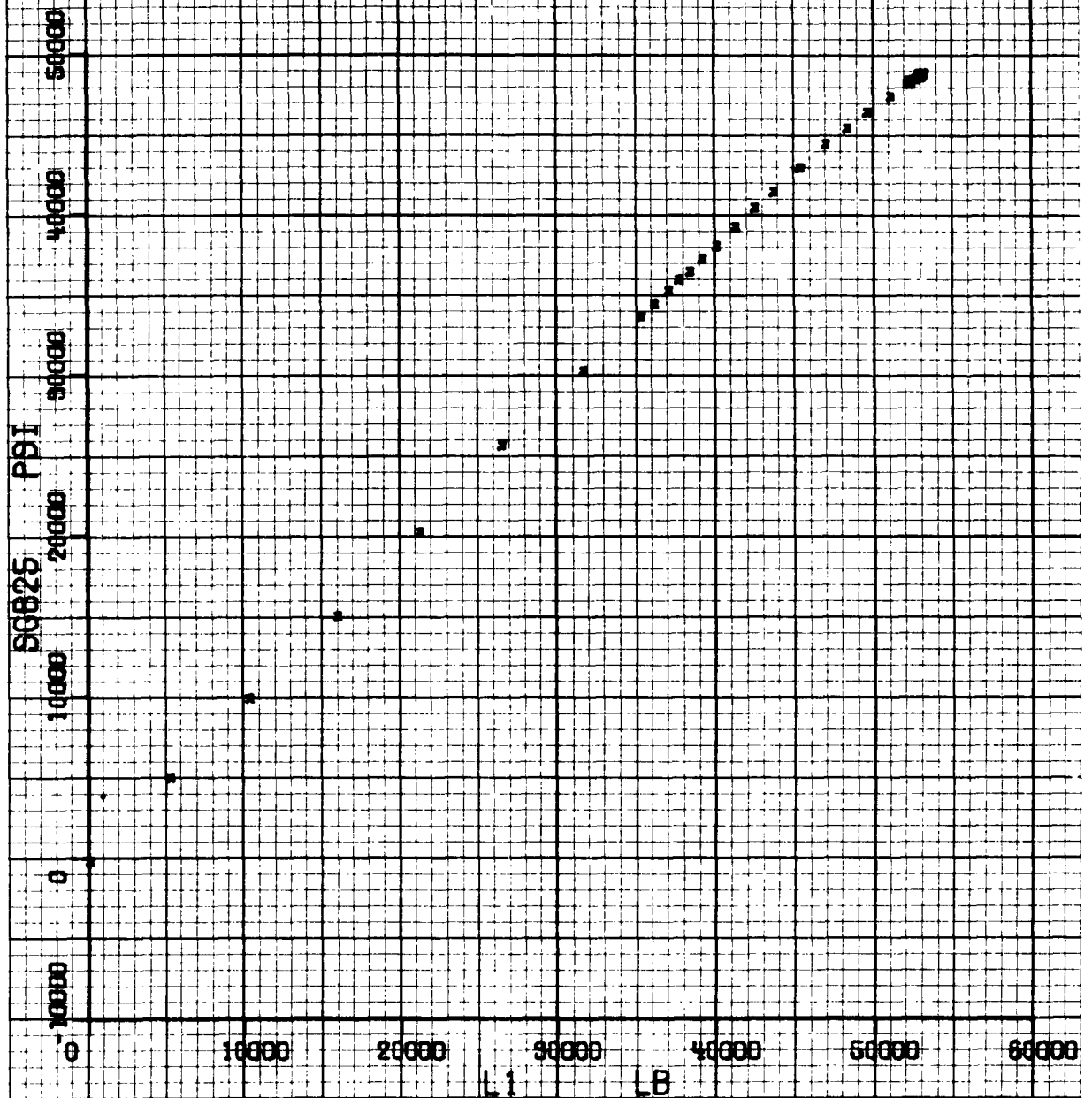
TEST 036 9/23





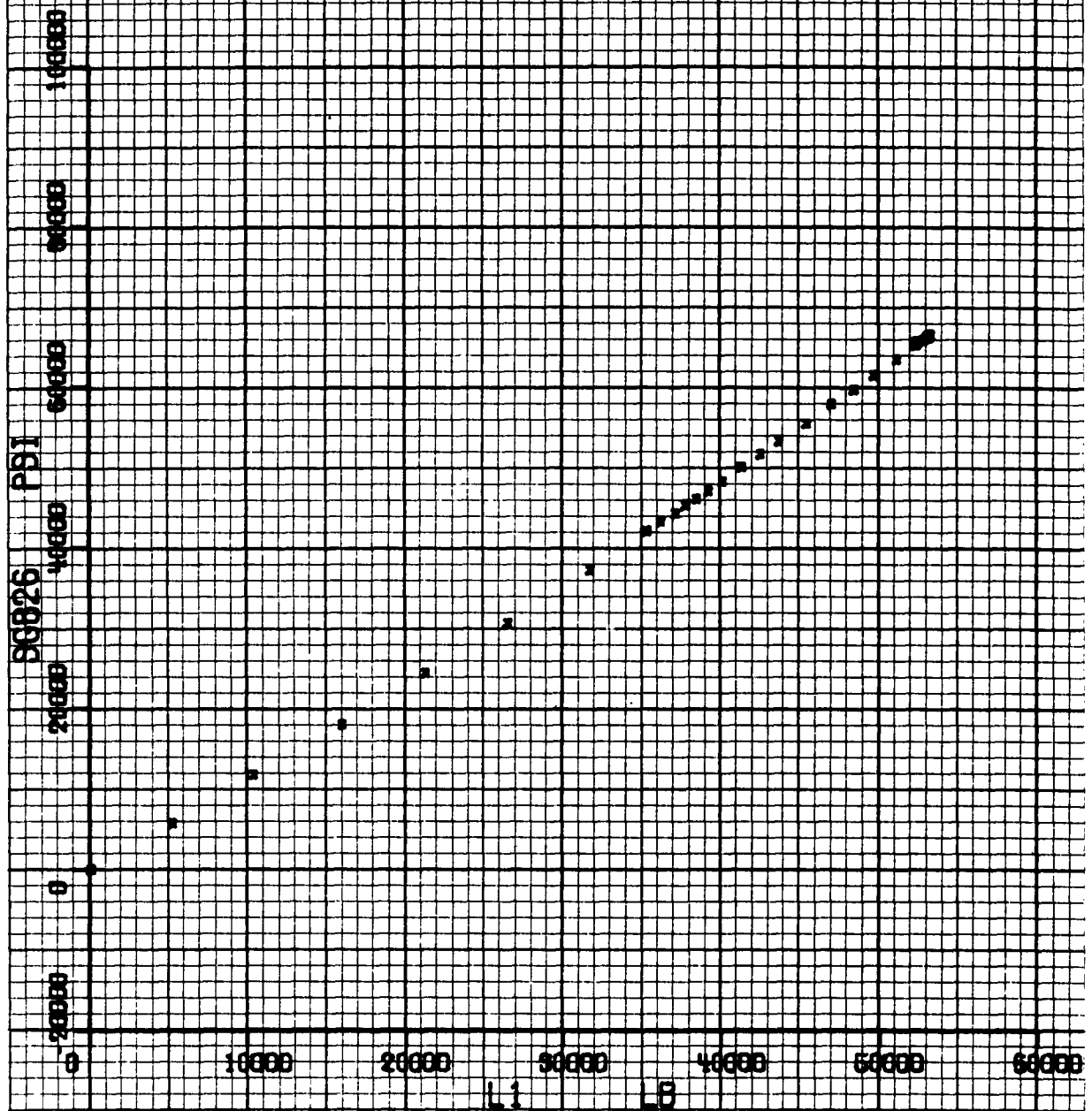
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

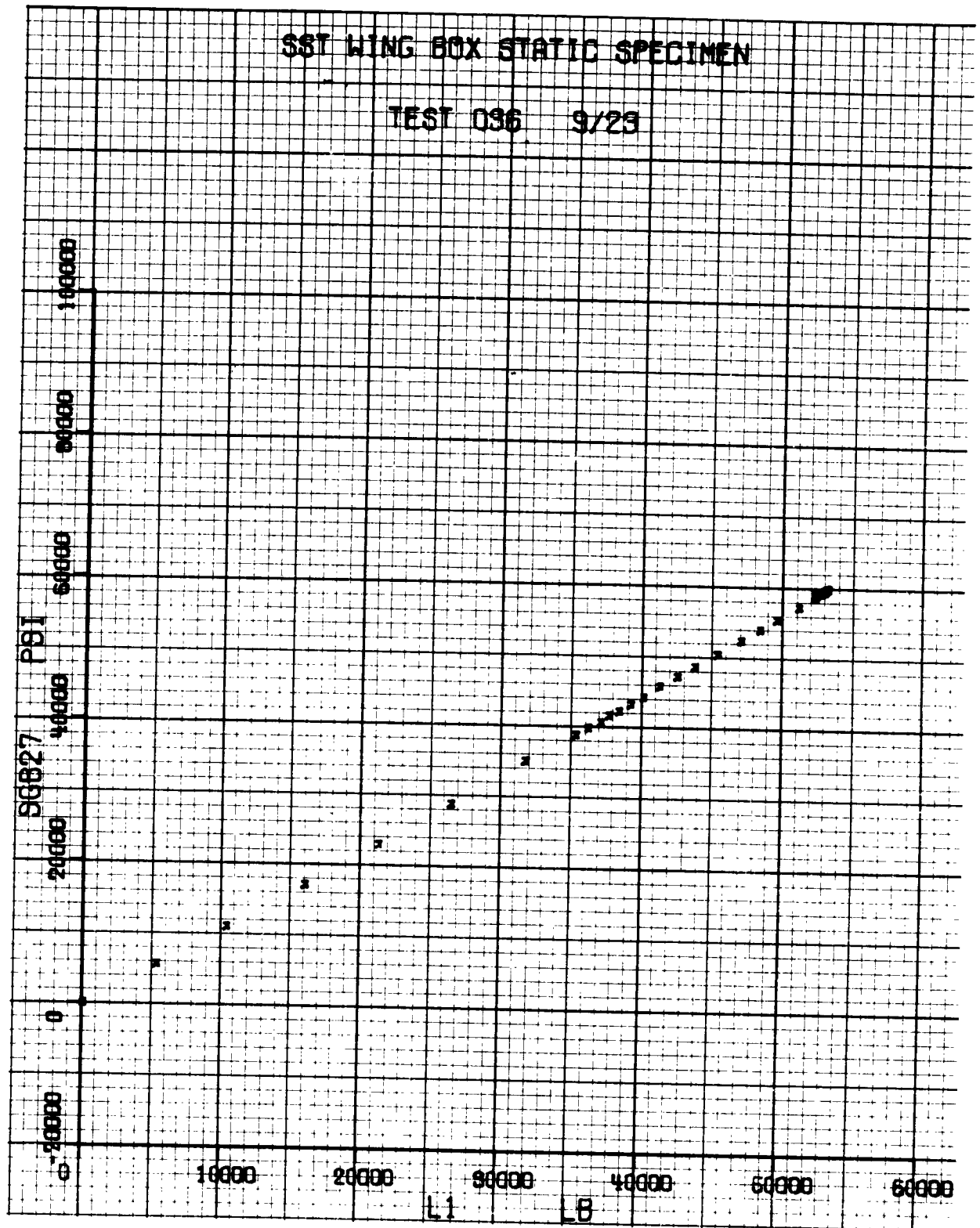
TEST 036 9/23





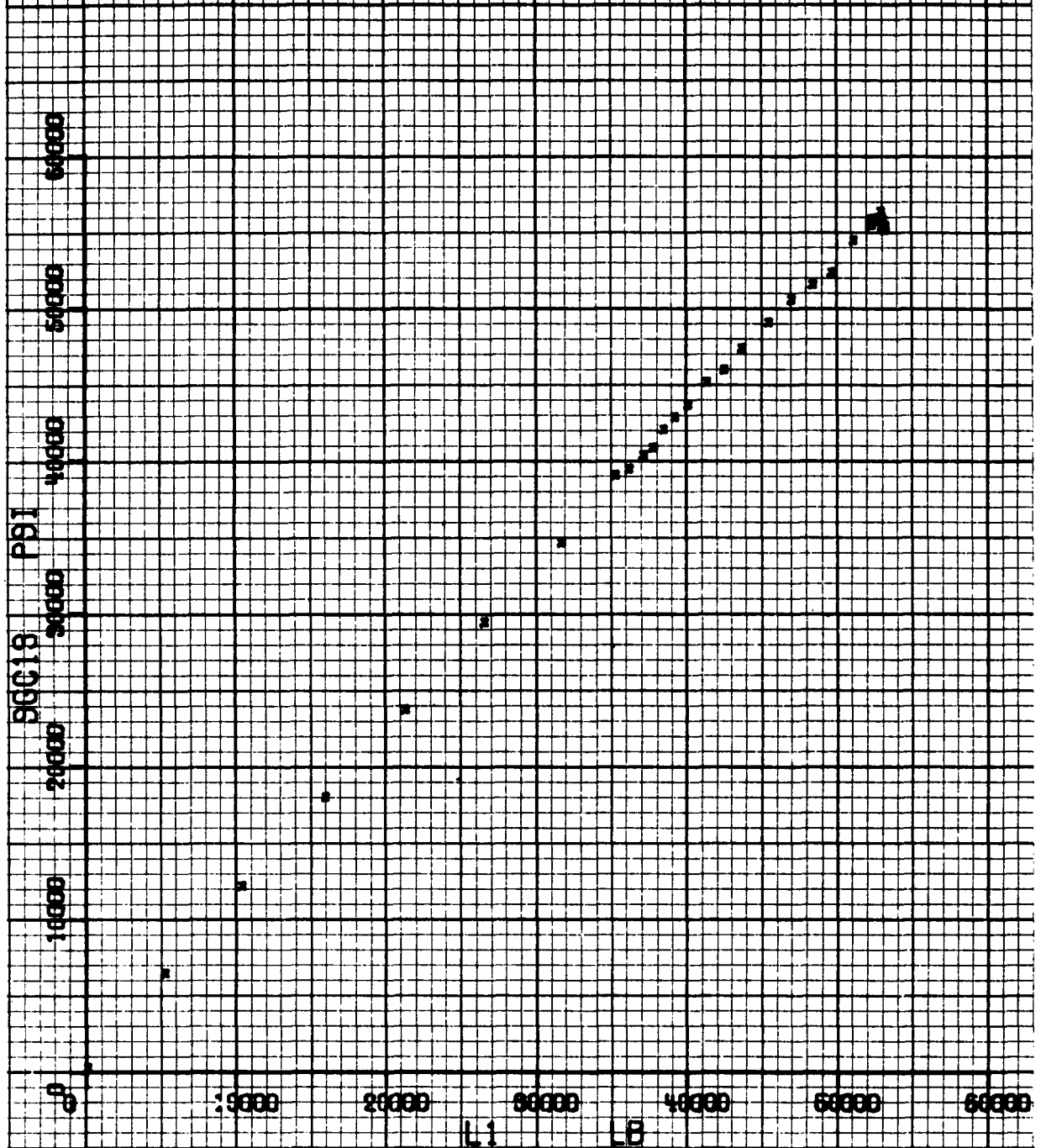
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



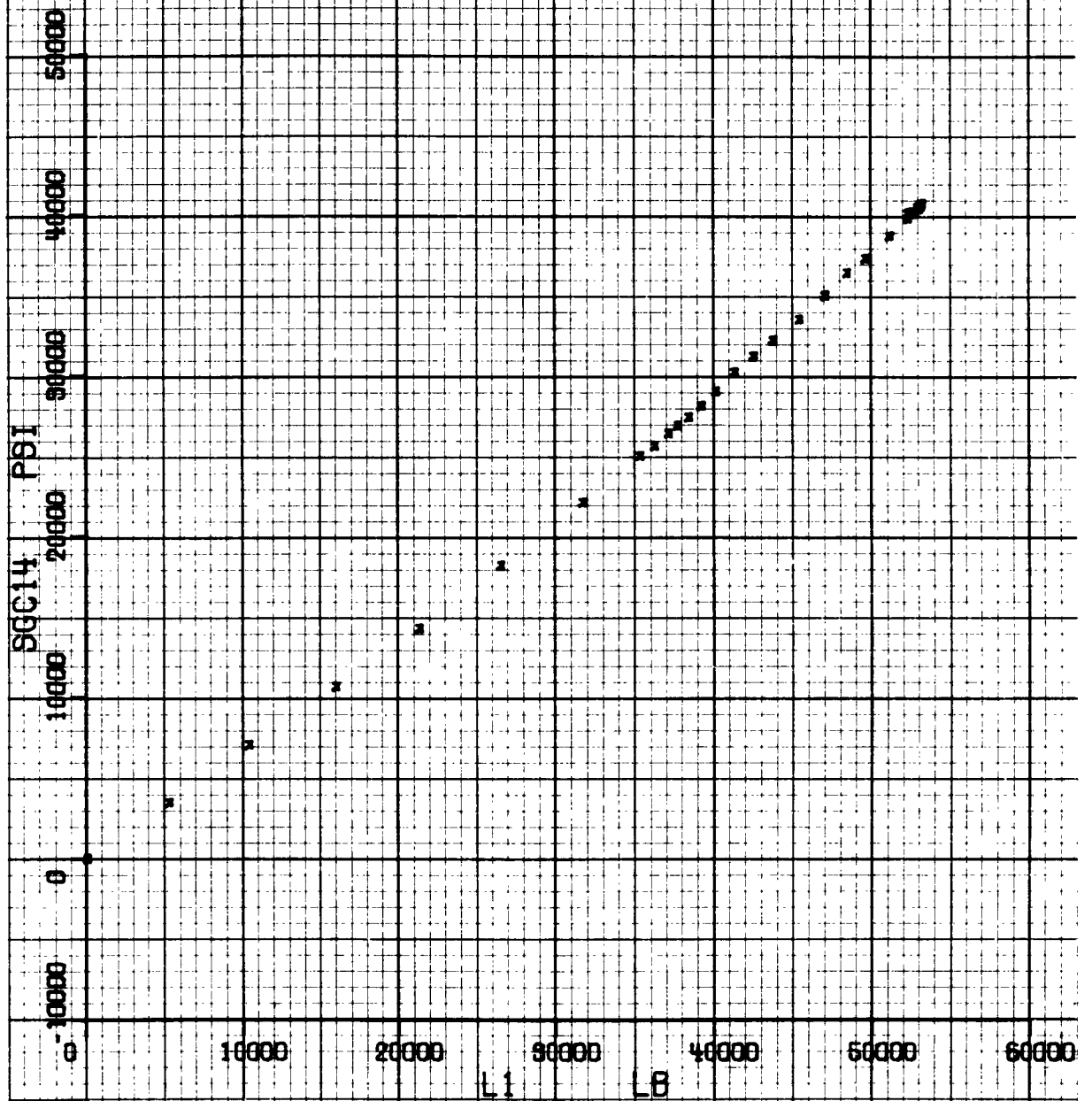
# SST WING BOX STATIC SPECIMEN

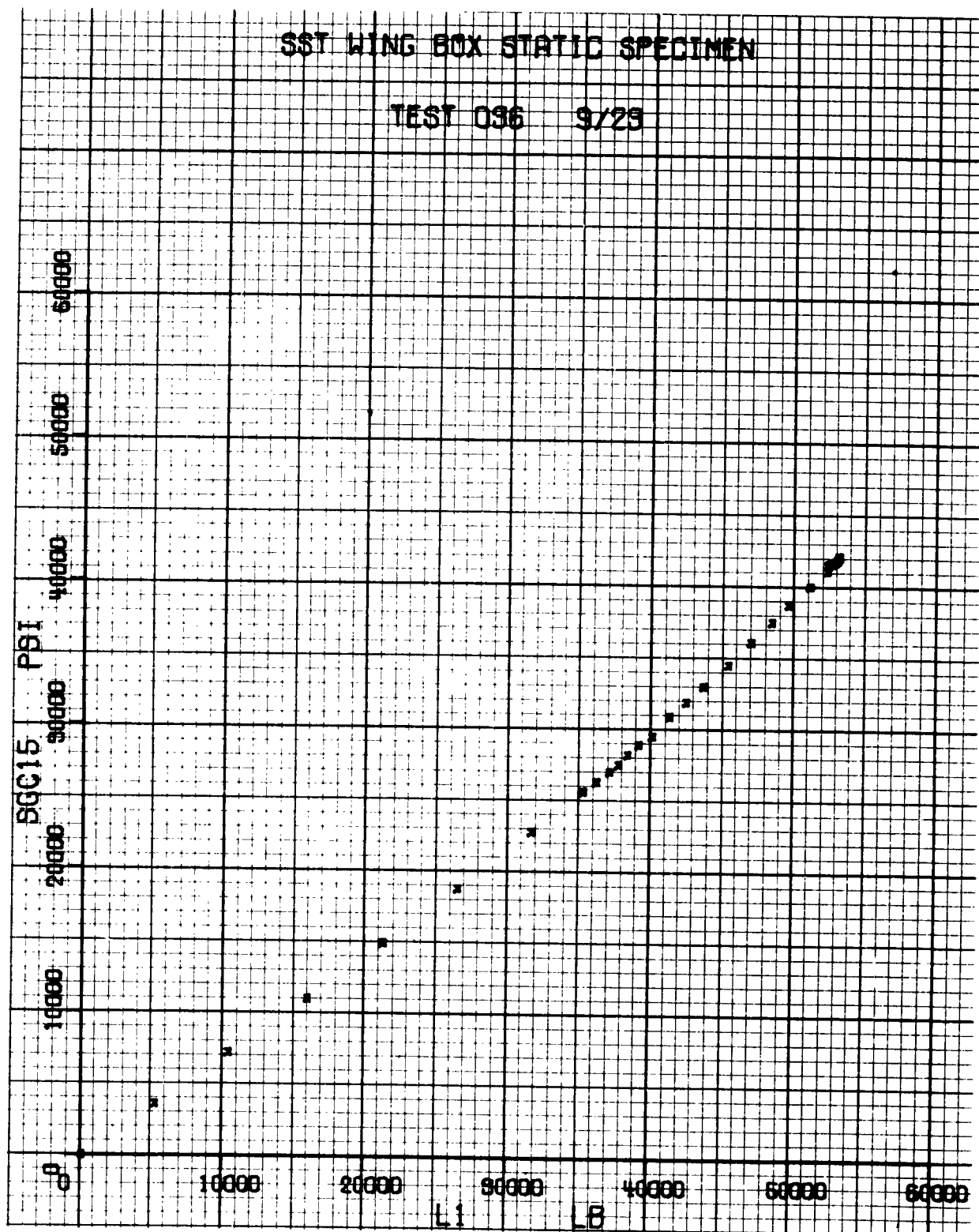
TEST 036 9/25



# SST WING BOX STATIC SPECIMEN

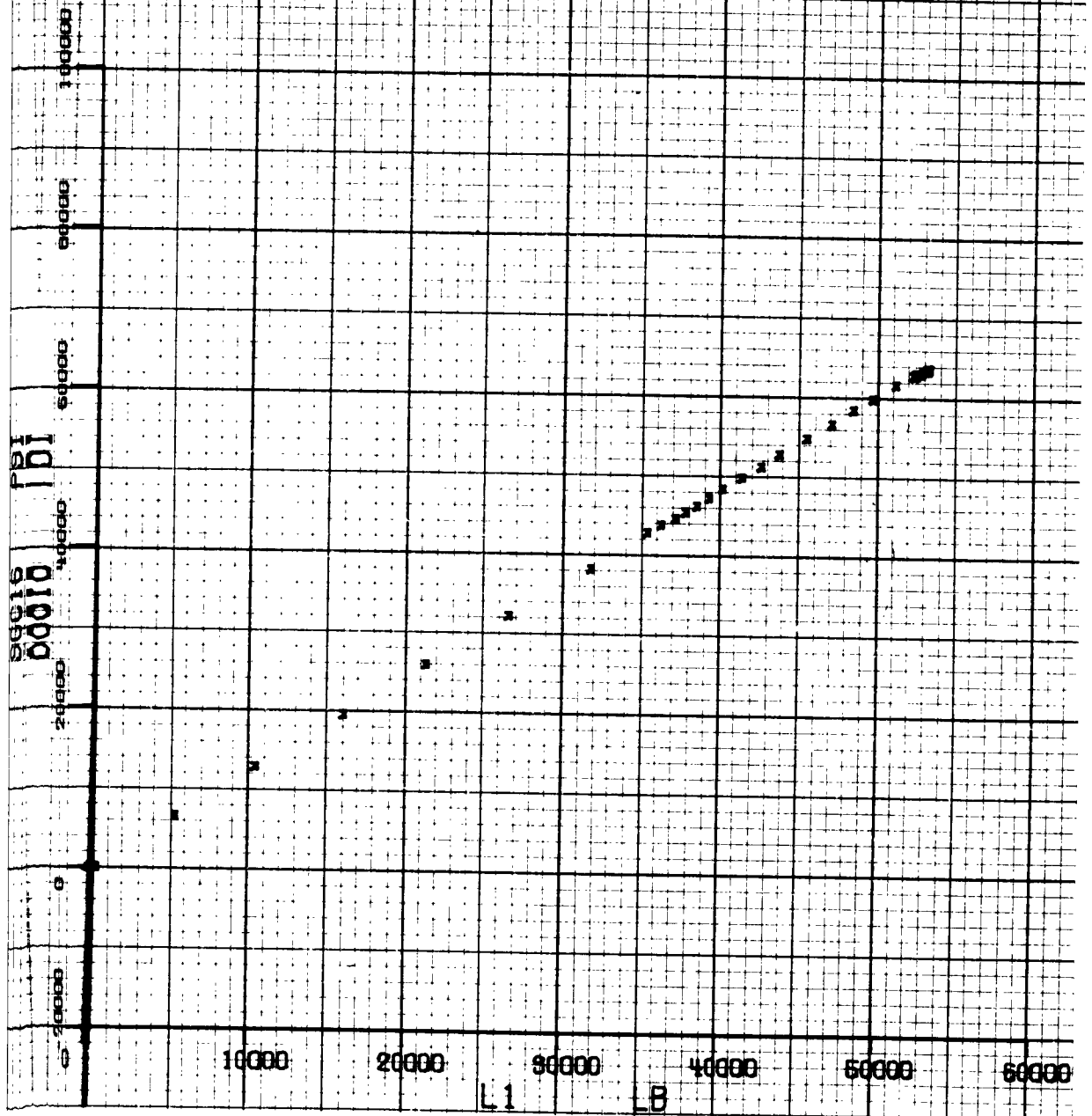
TEST 086 9/29





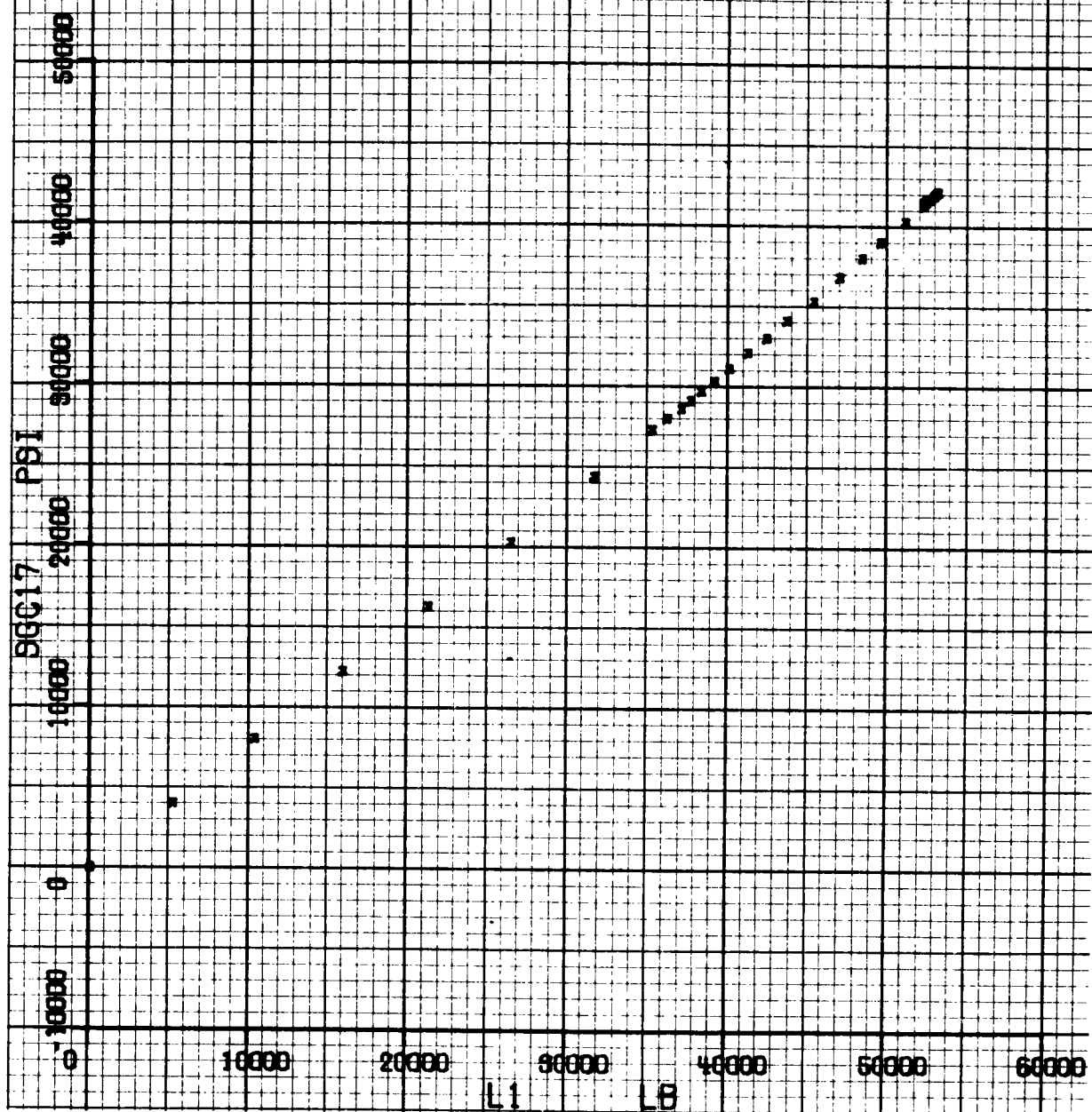
# SST WING BOX STATIC SPECIMEN

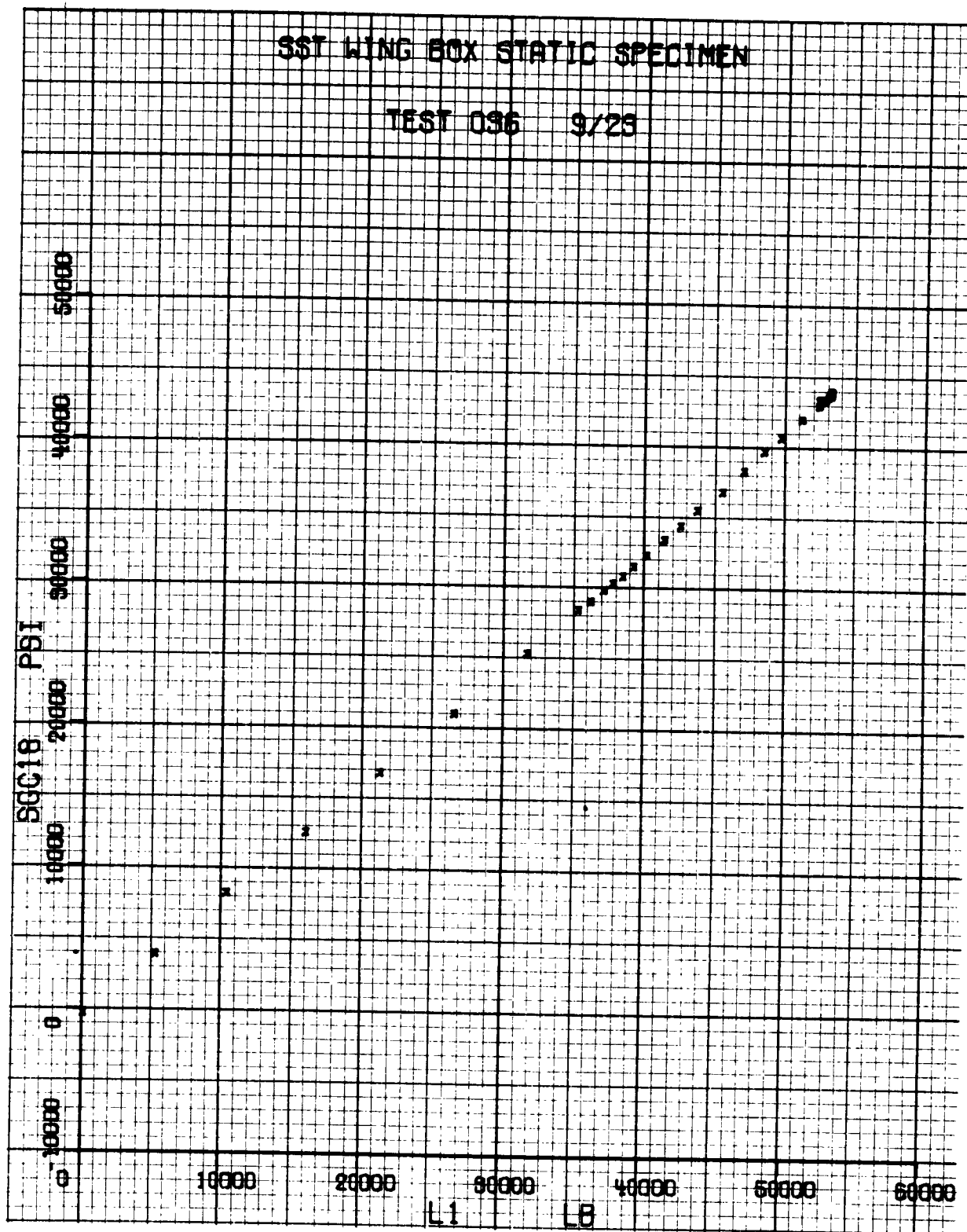
TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

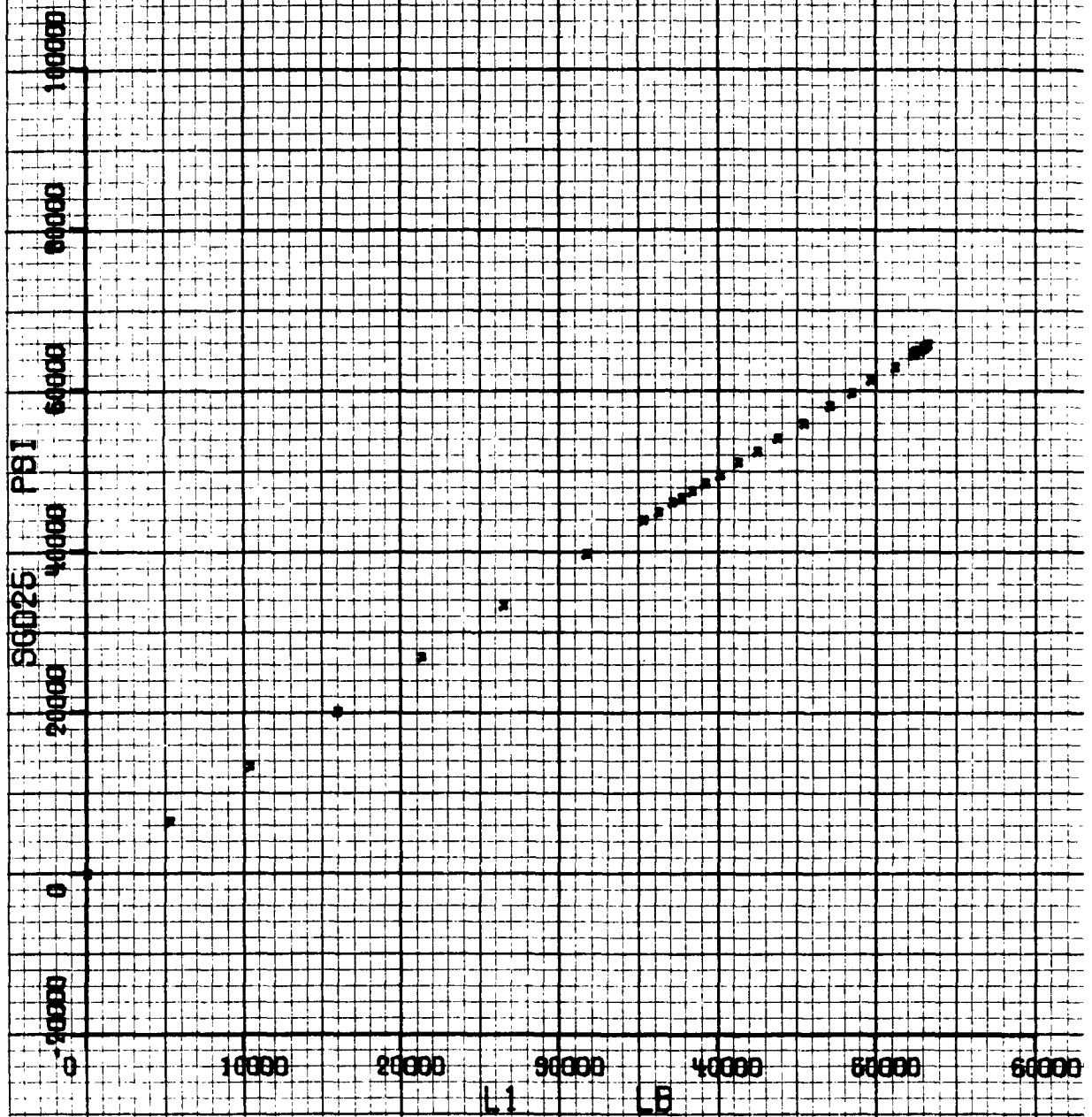
TEST 036 9/29





# SST WING BOX STATIC SPECIMEN

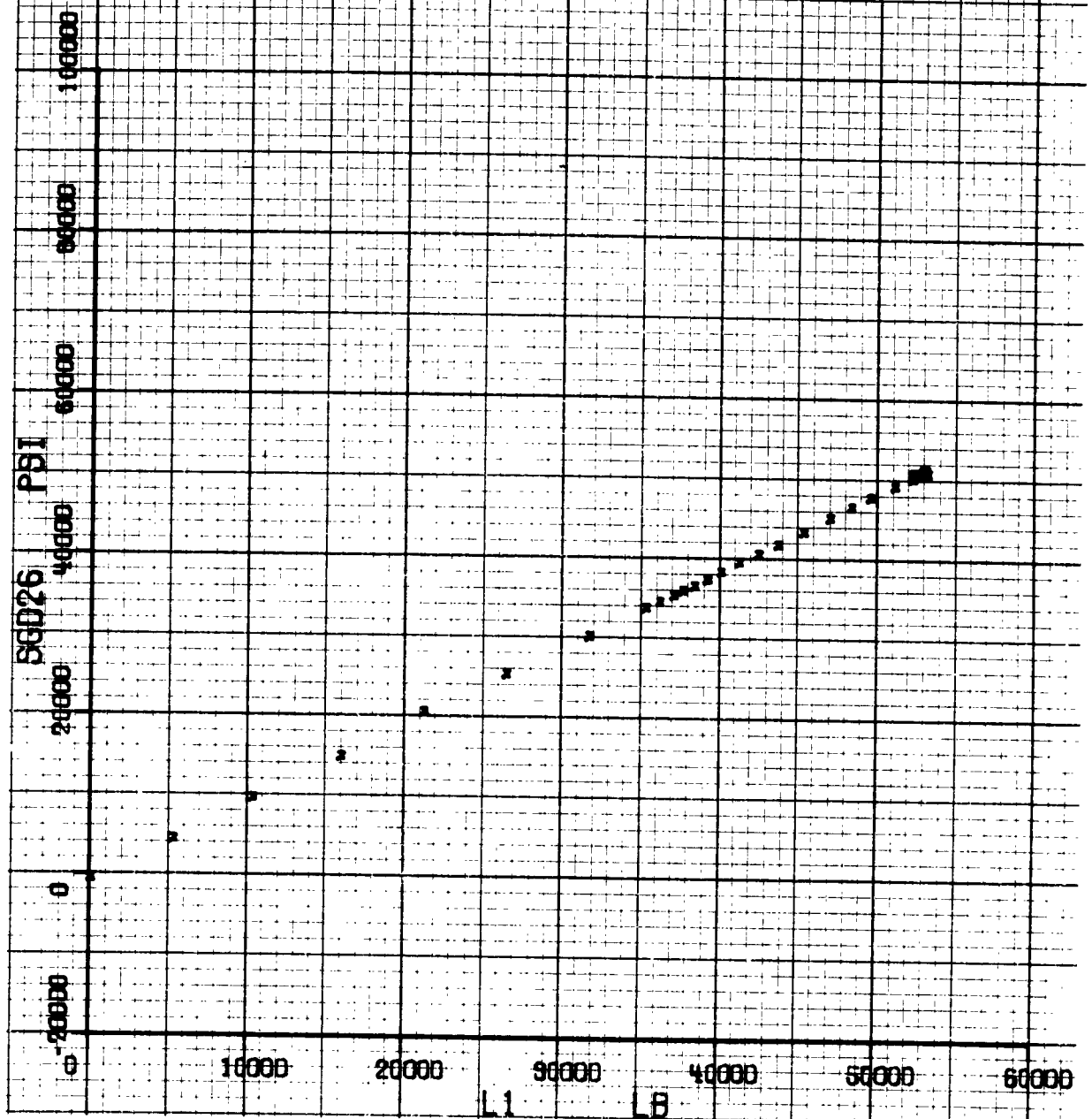
TEST 036 9/29





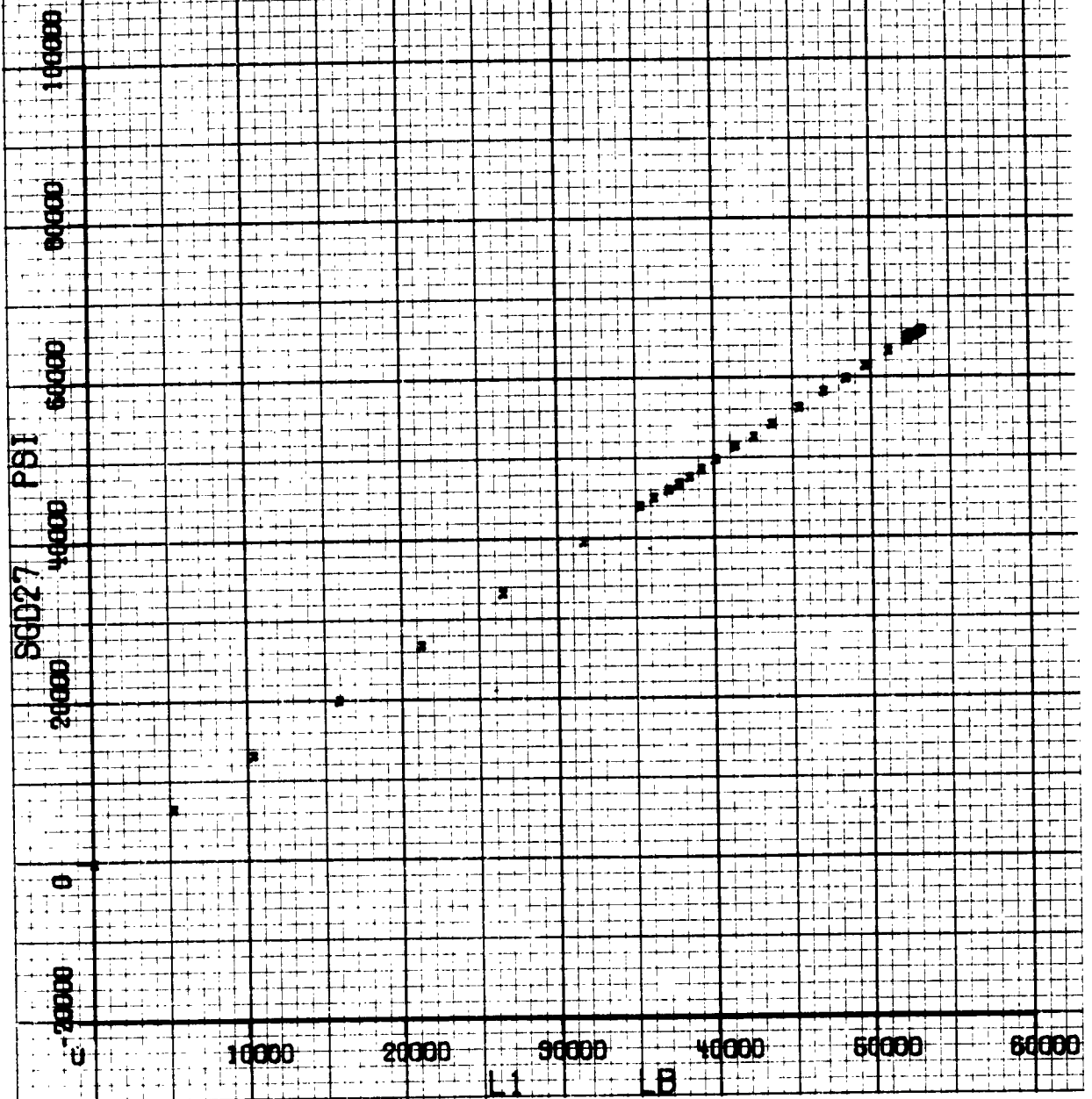
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



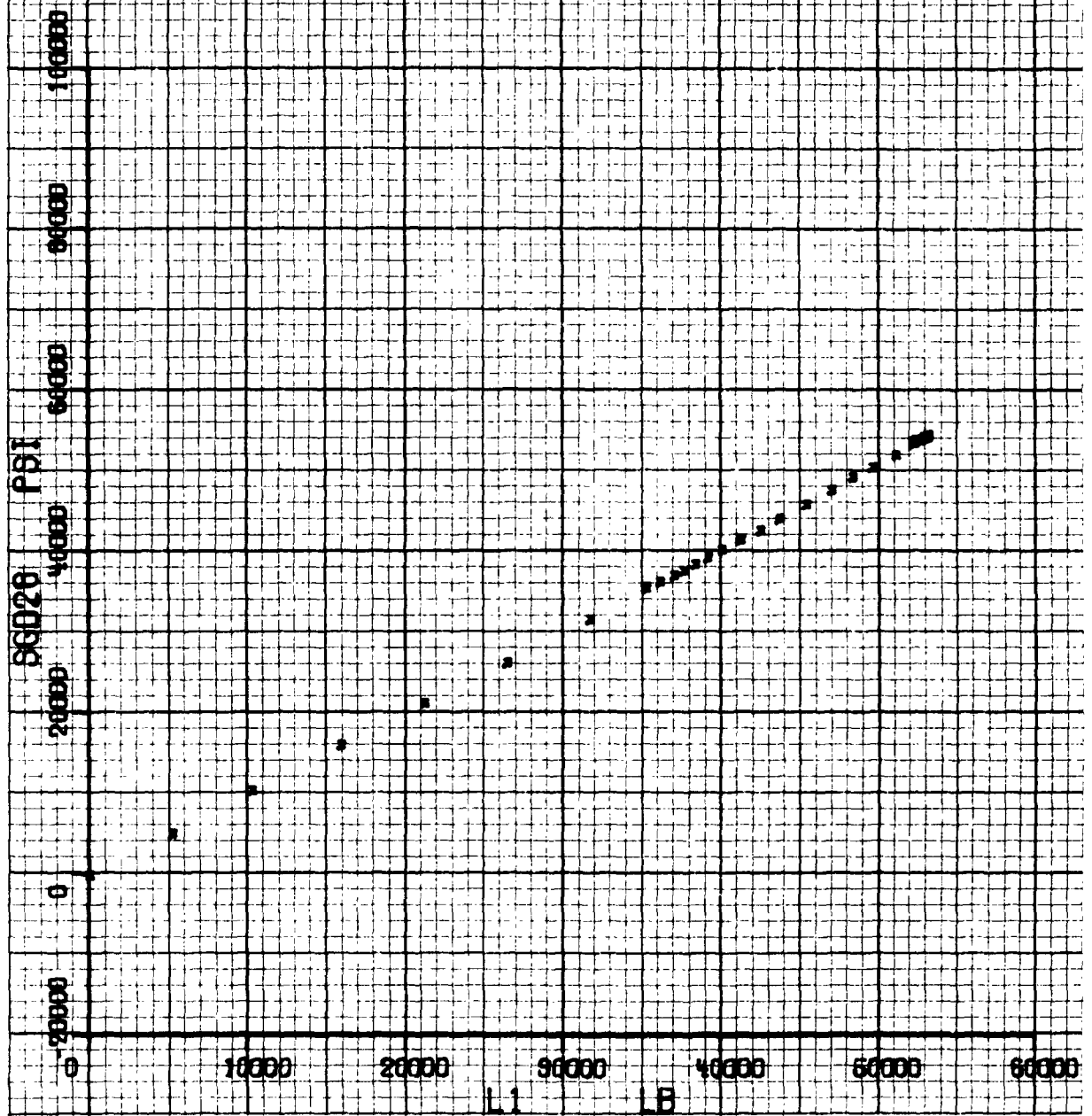
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



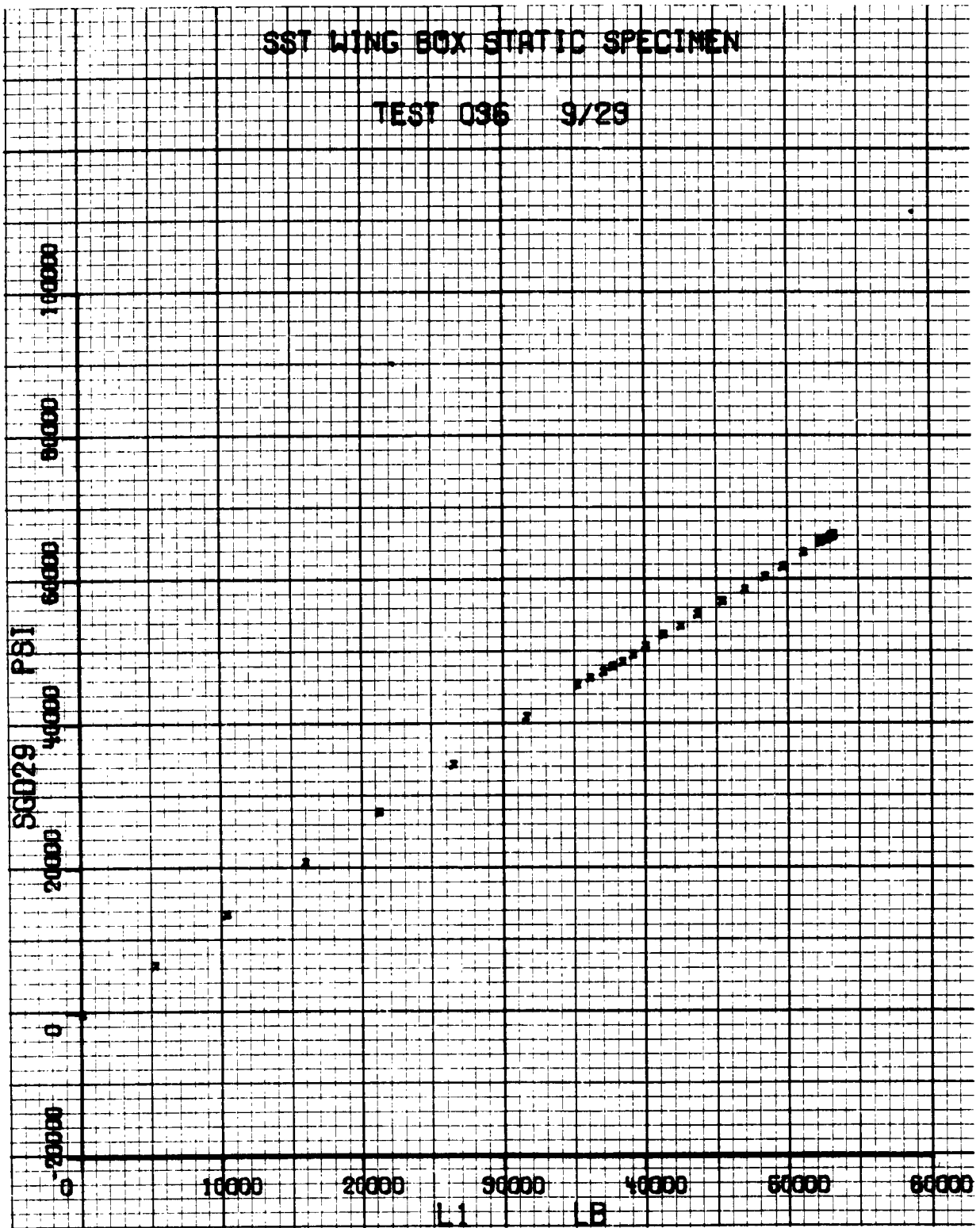
# SST WING BOX STATIC SPECIMEN

TEST 096 9/23



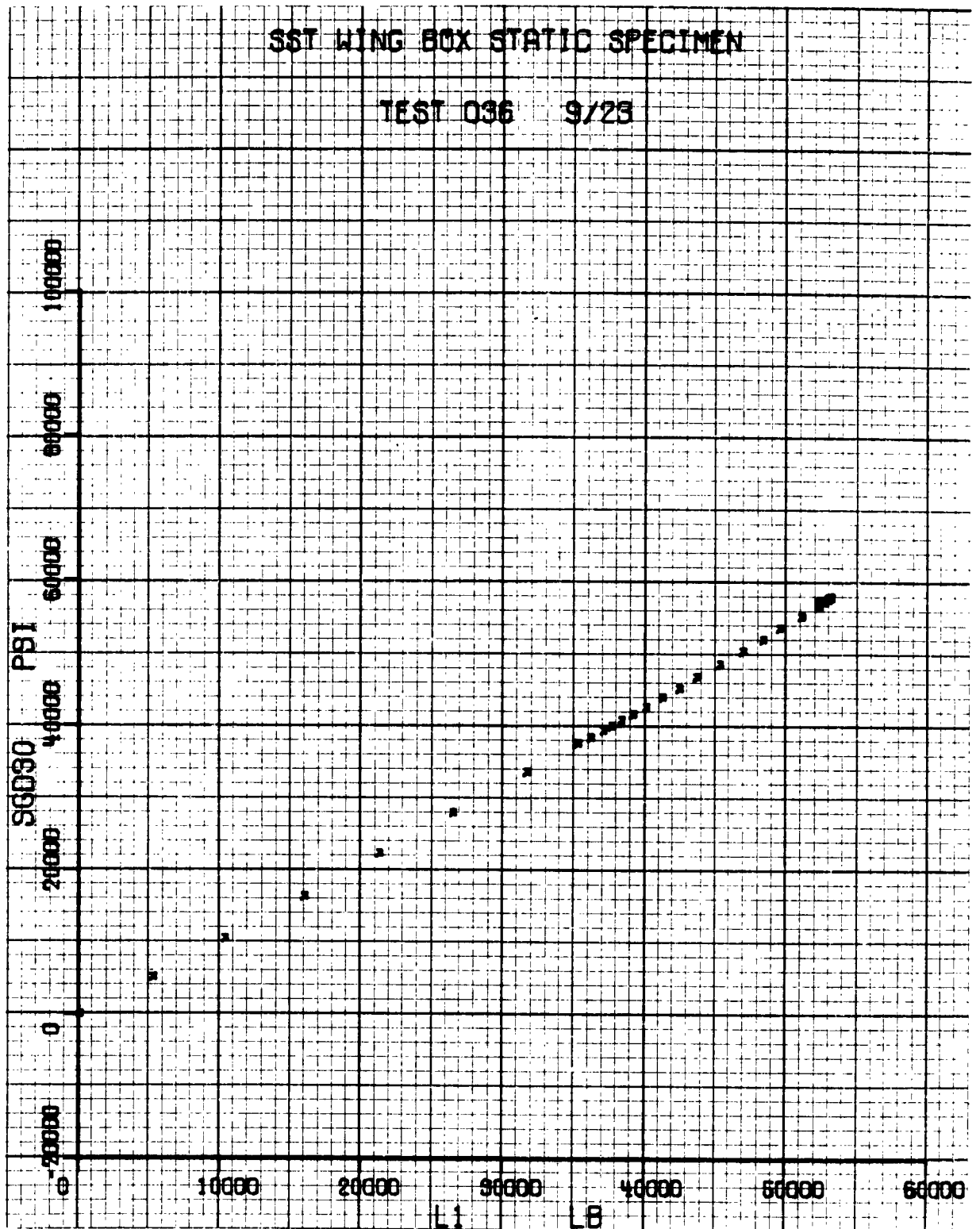
# SST WING BOX STATIC SPECIMEN

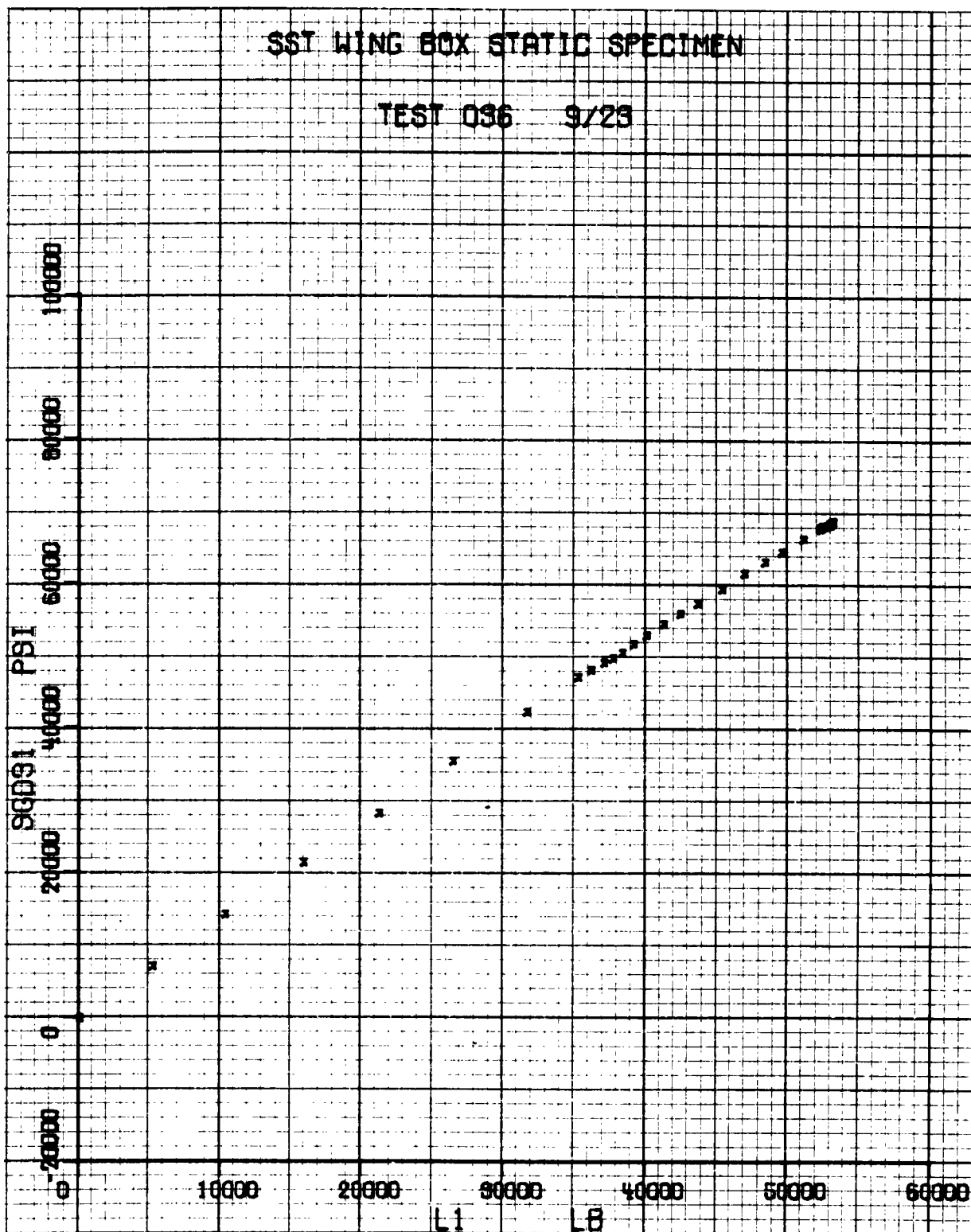
TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

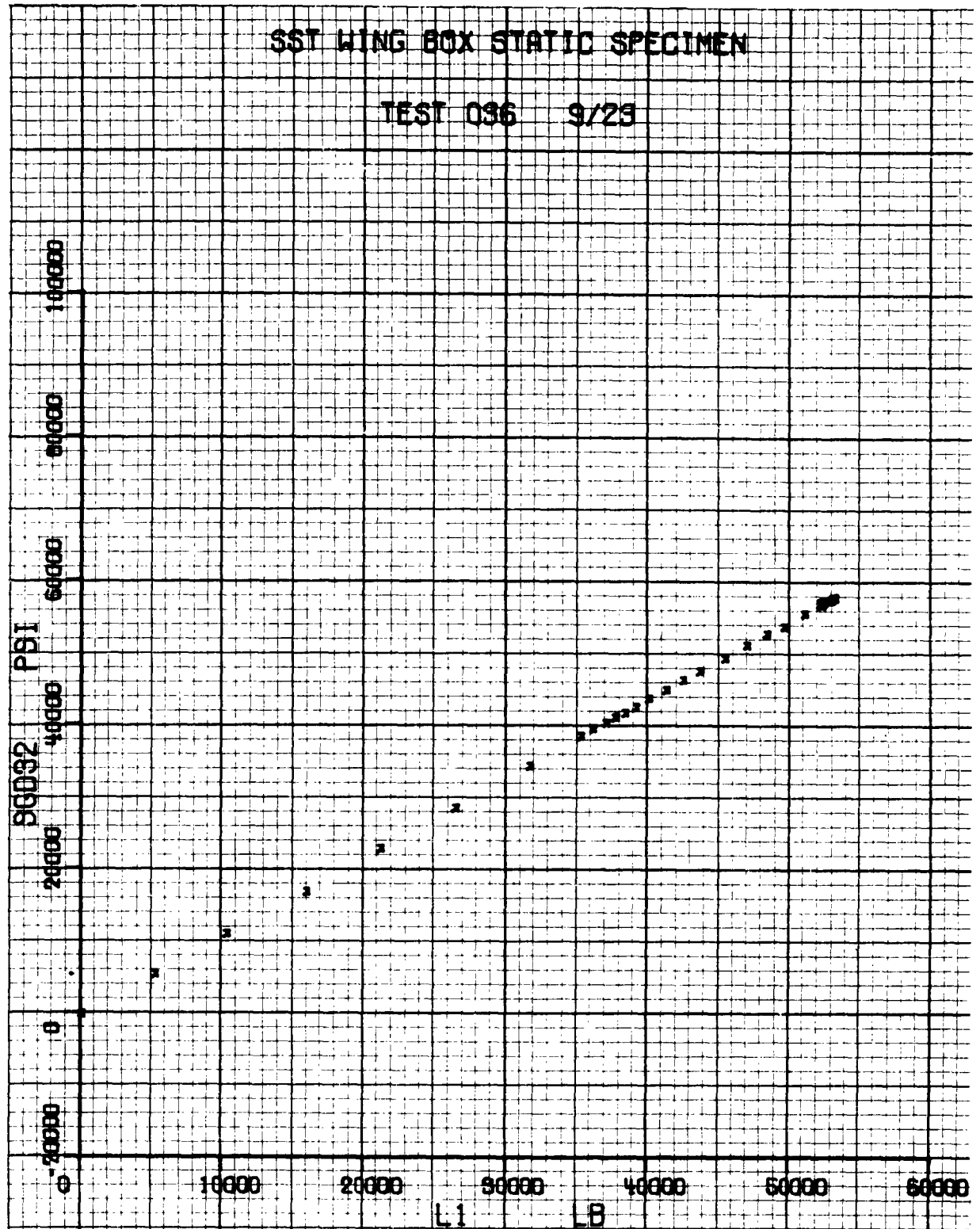
TEST 036 9/23





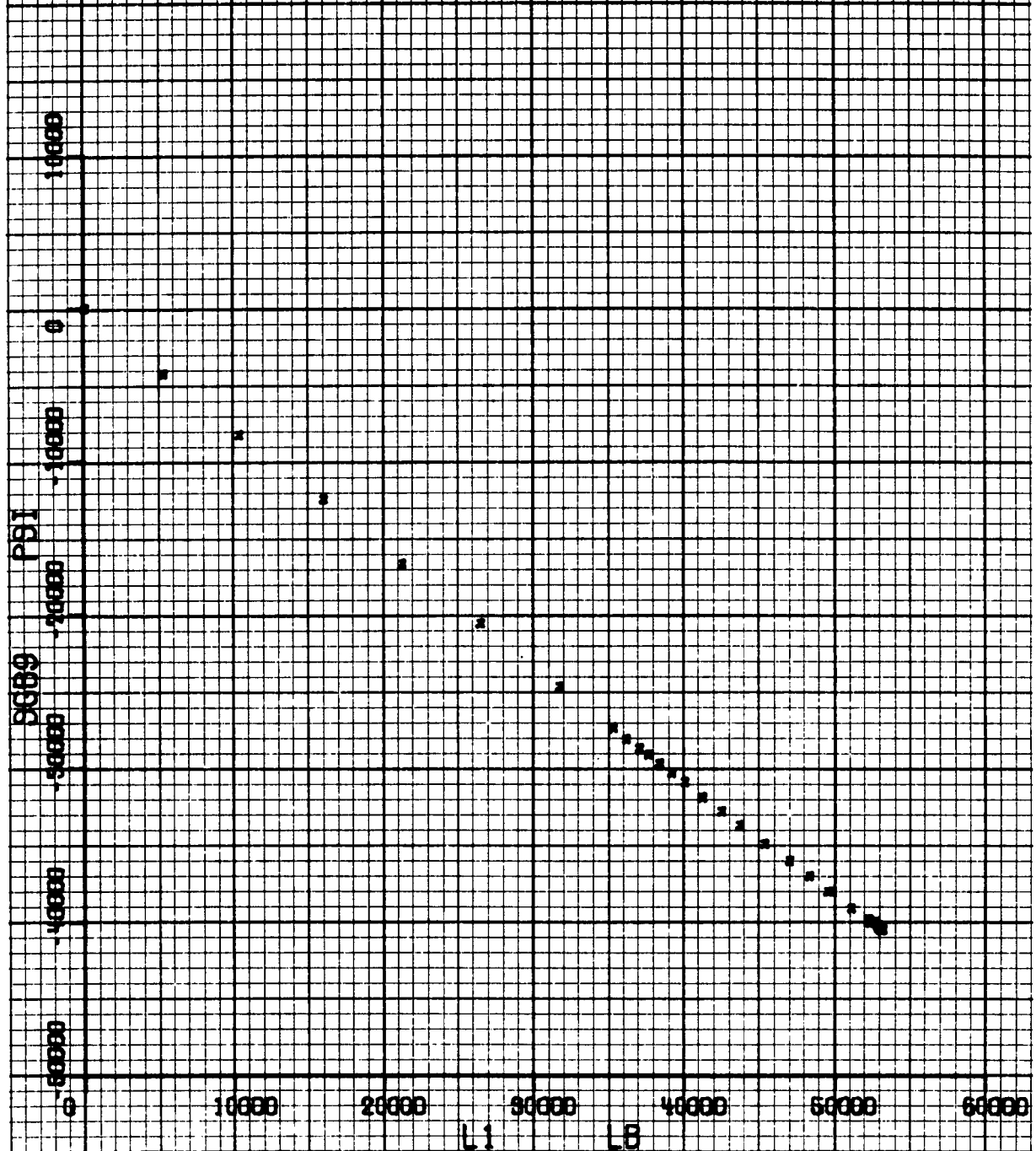
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

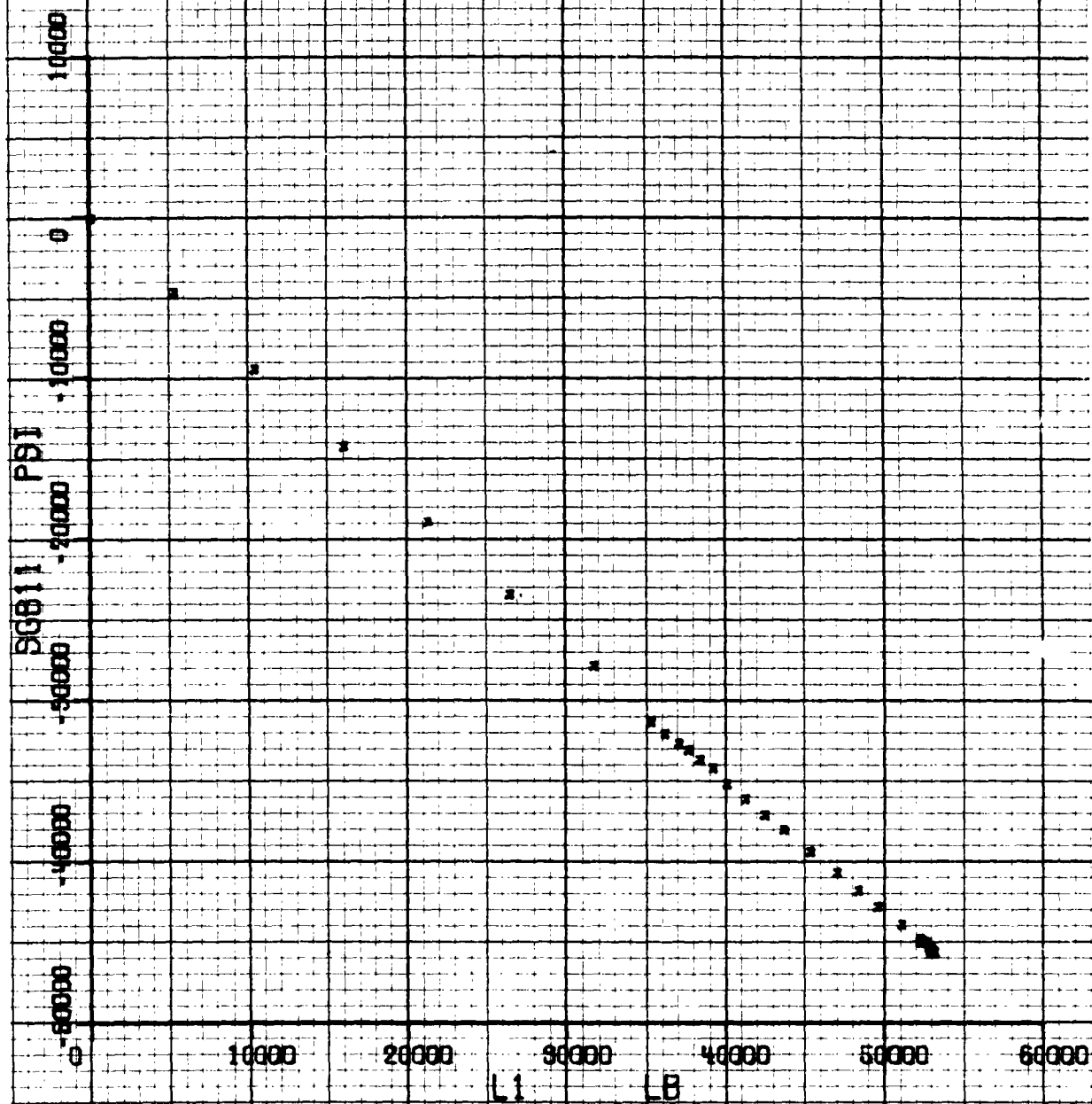
TEST 036 9/23





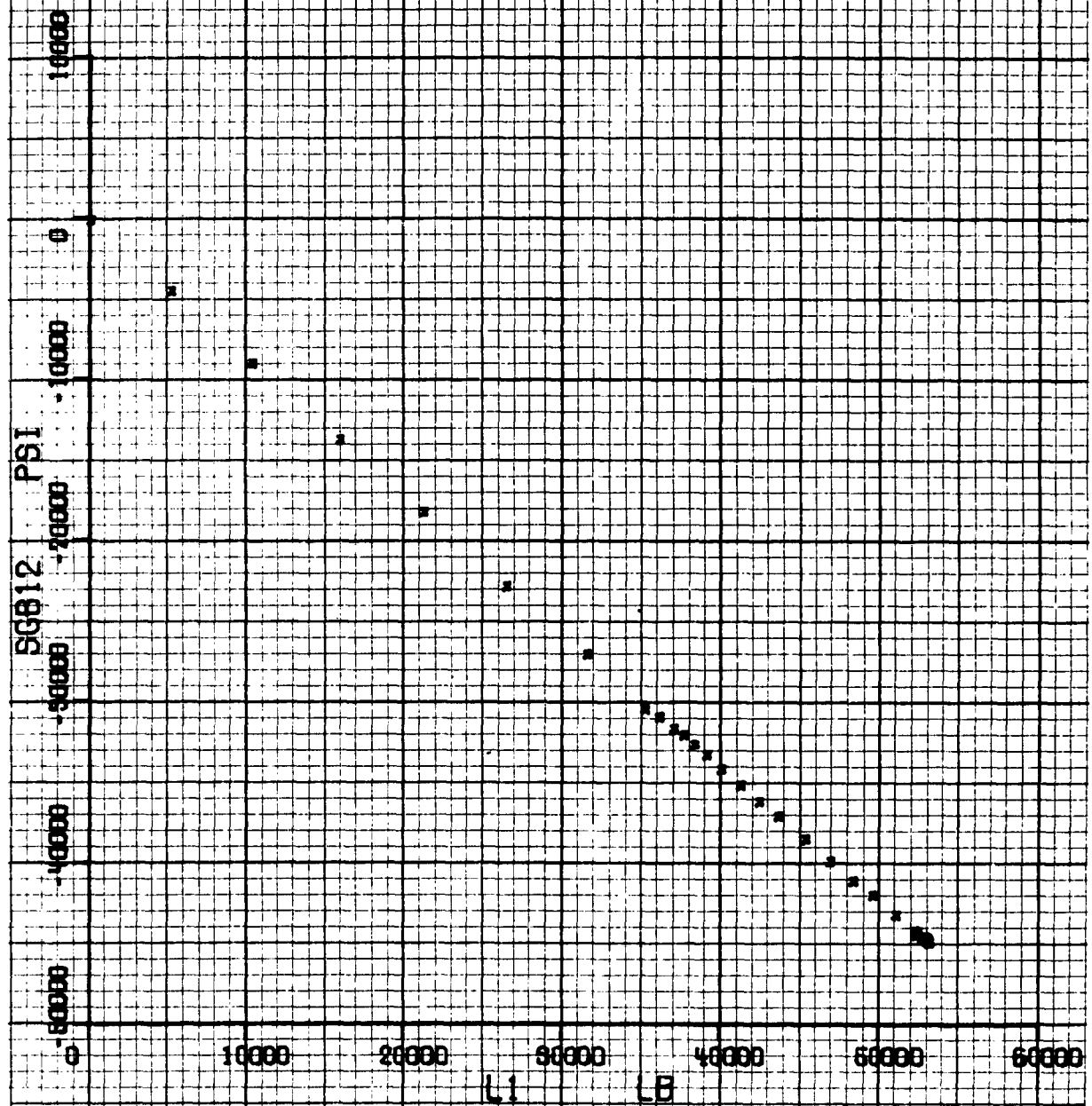
# SST WING BOX STATIC SPECIMEN

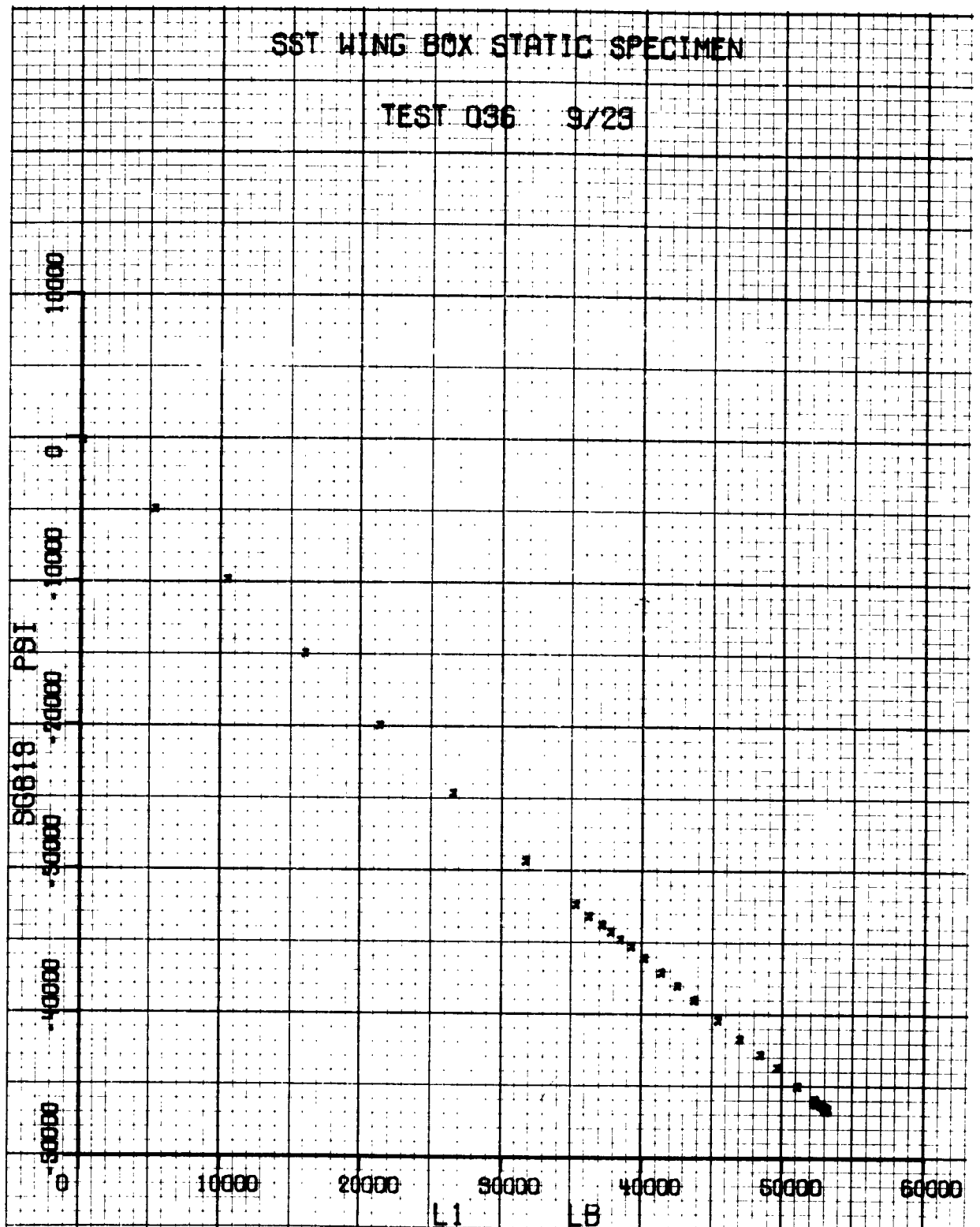
TEST 036 9/23

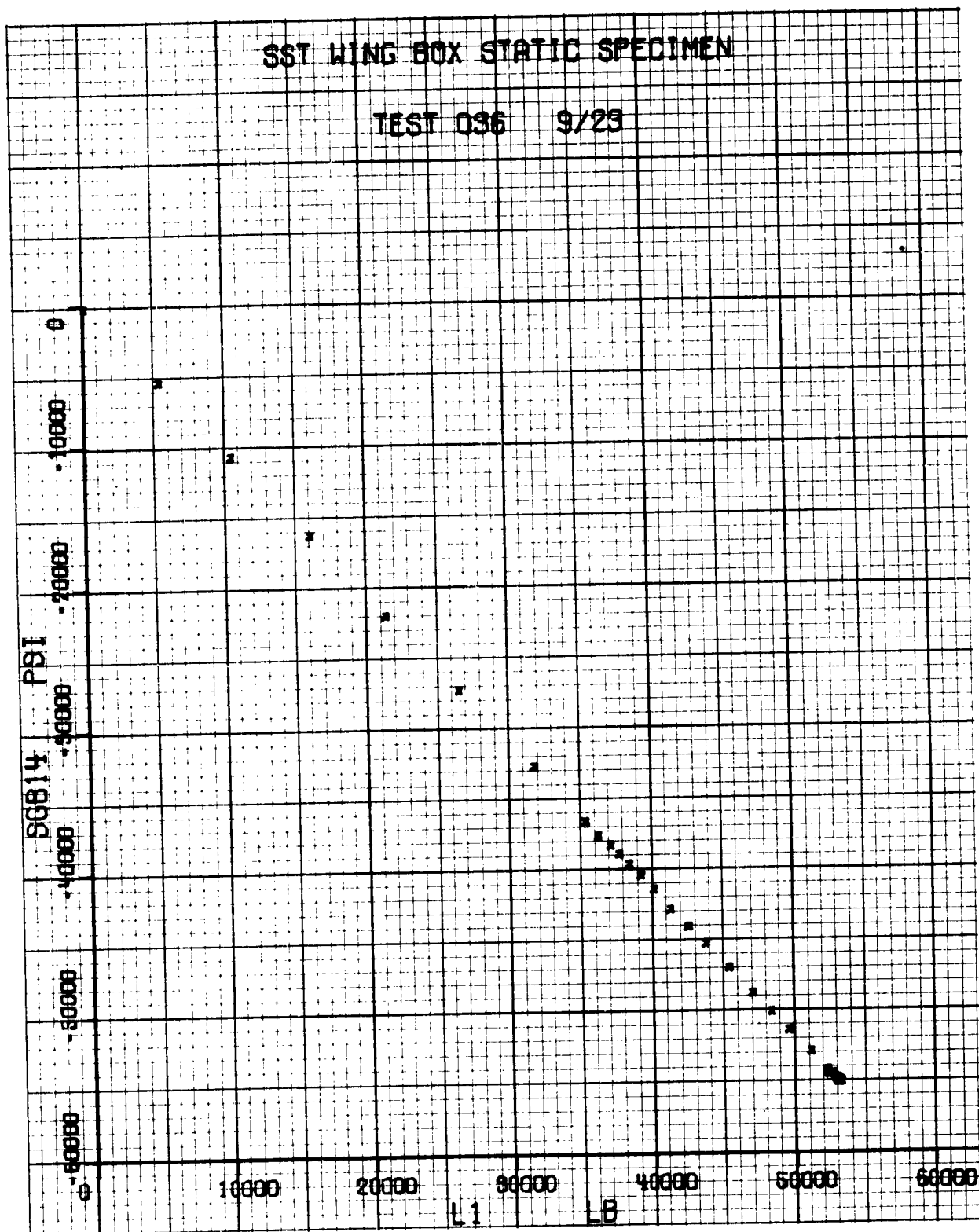


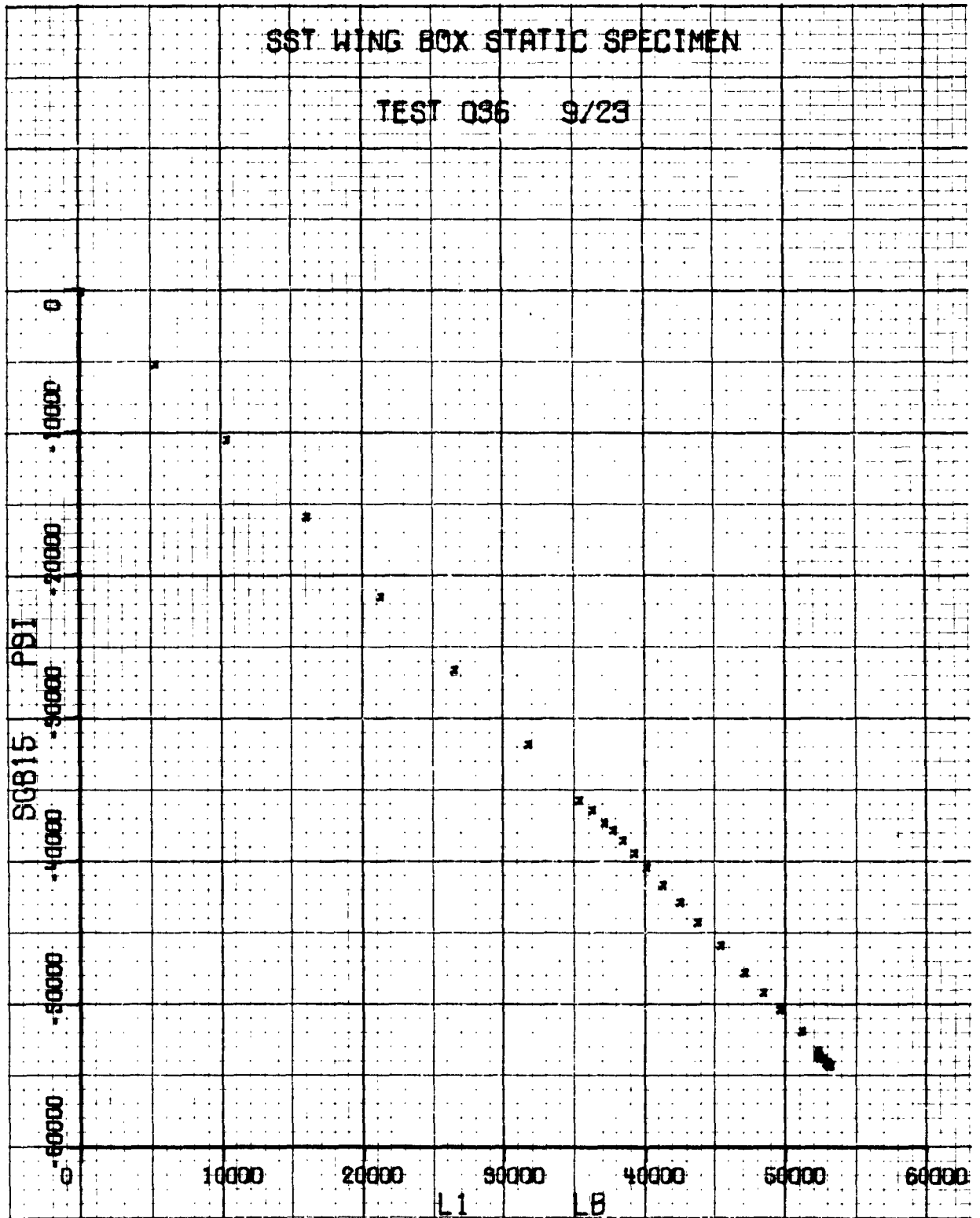
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



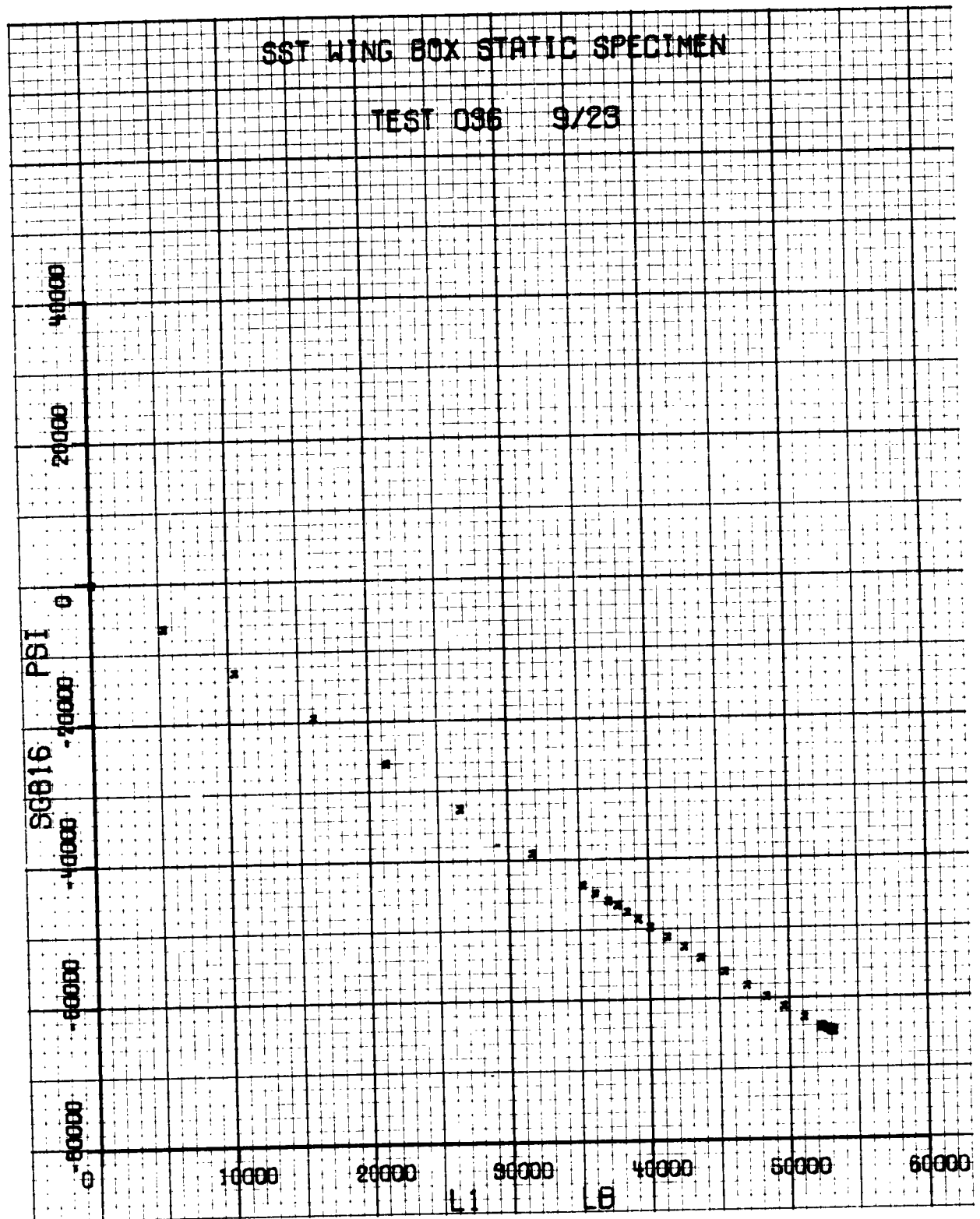


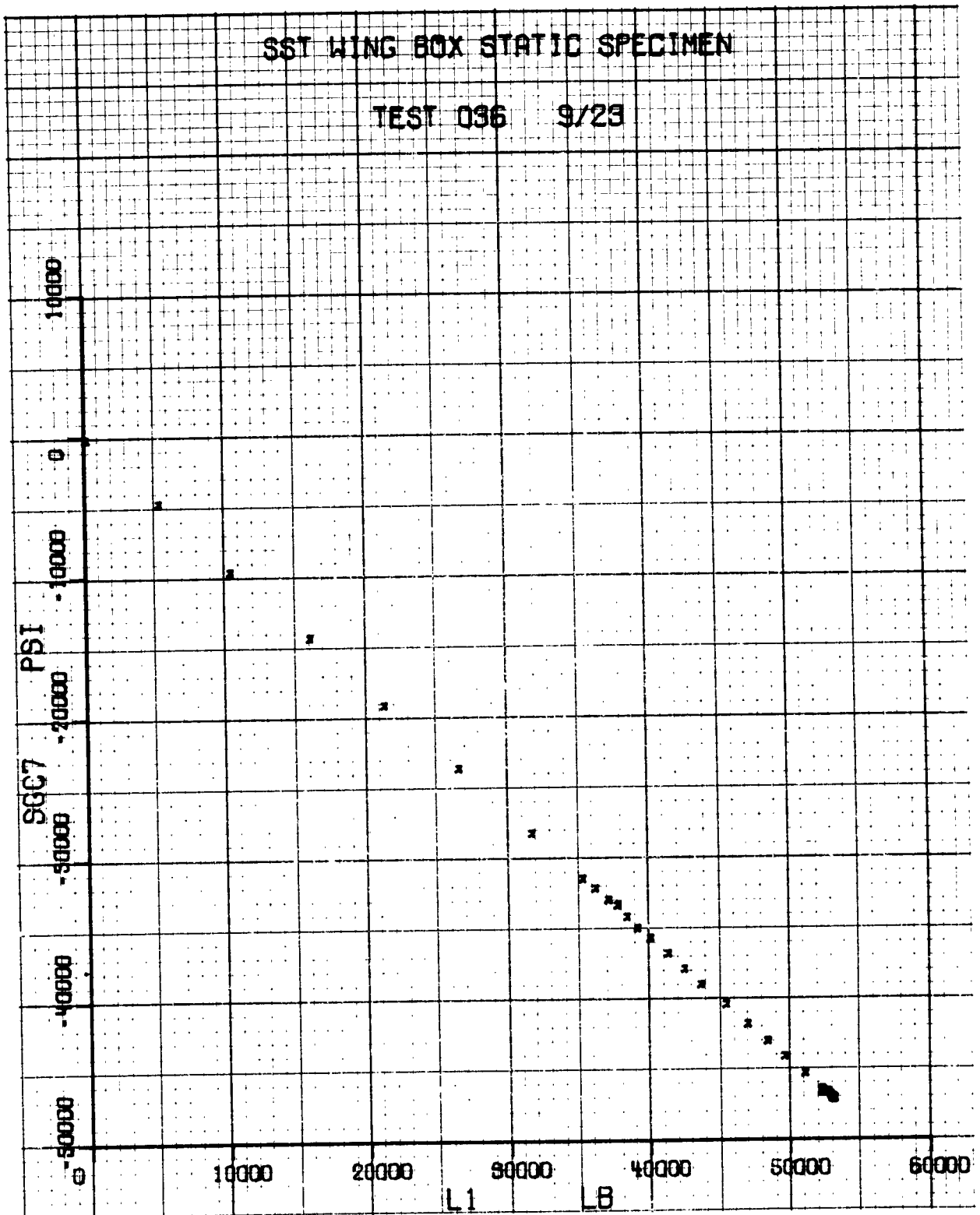


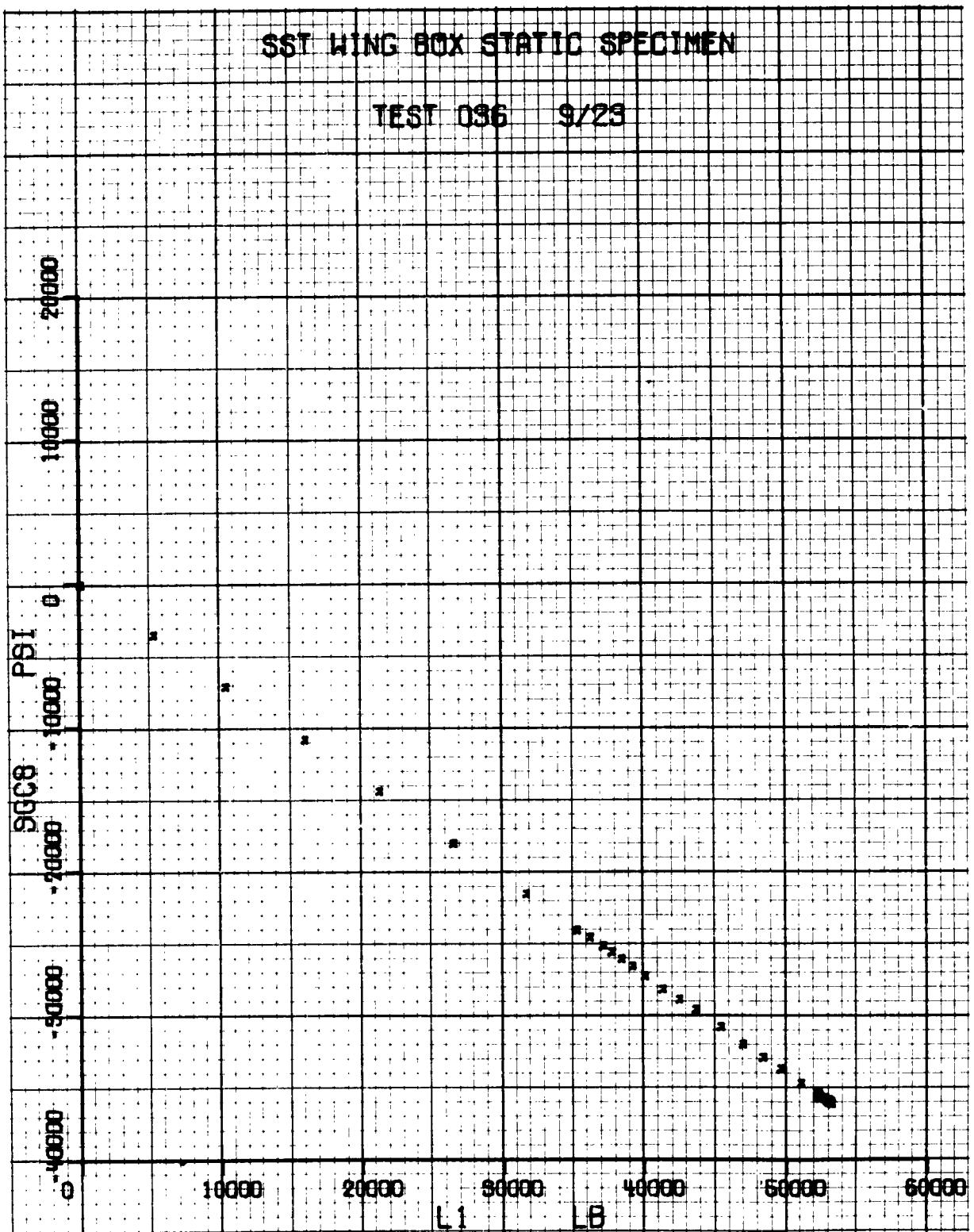


# SST WING BOX STATIC SPECIMEN

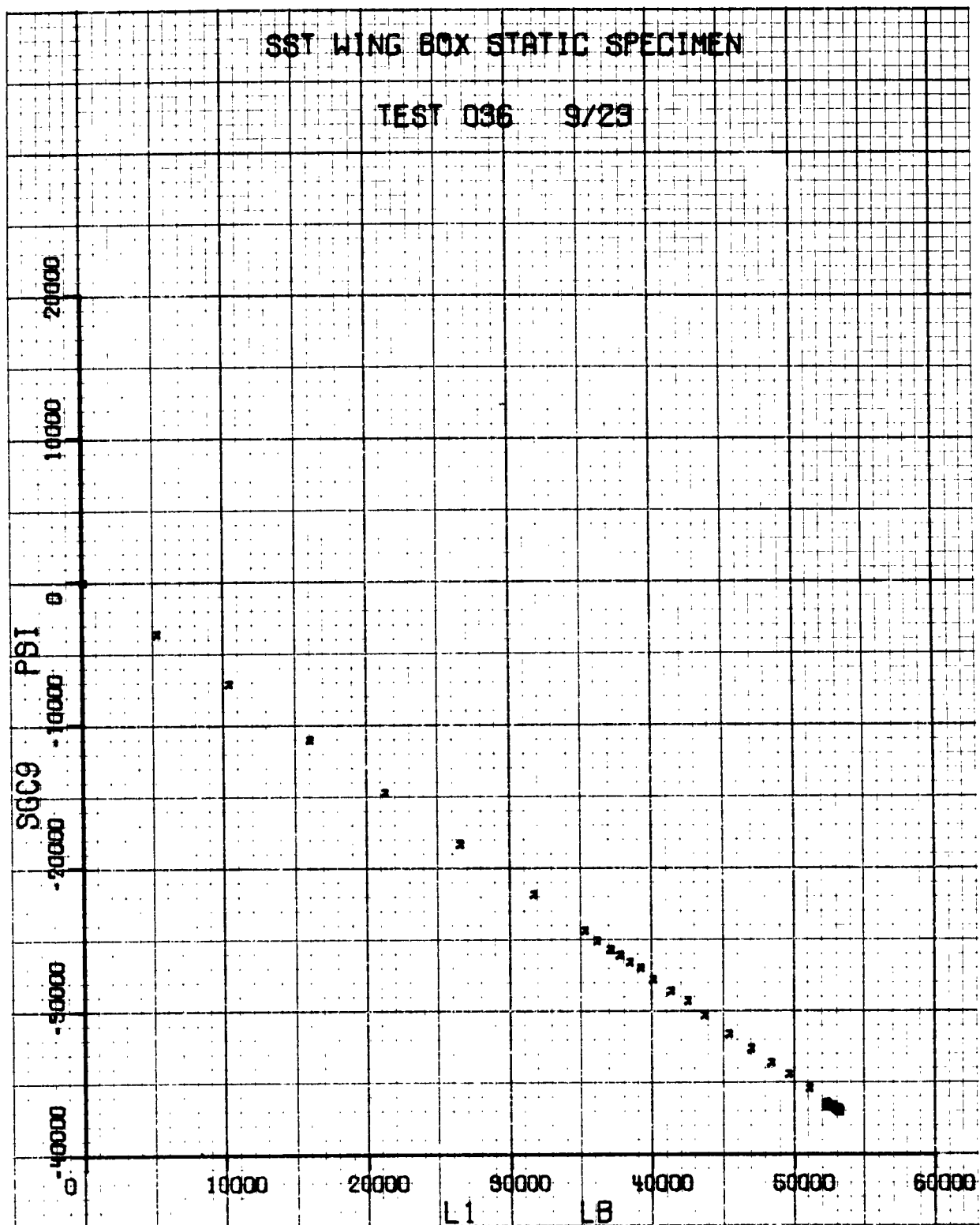
TEST 036 9/23

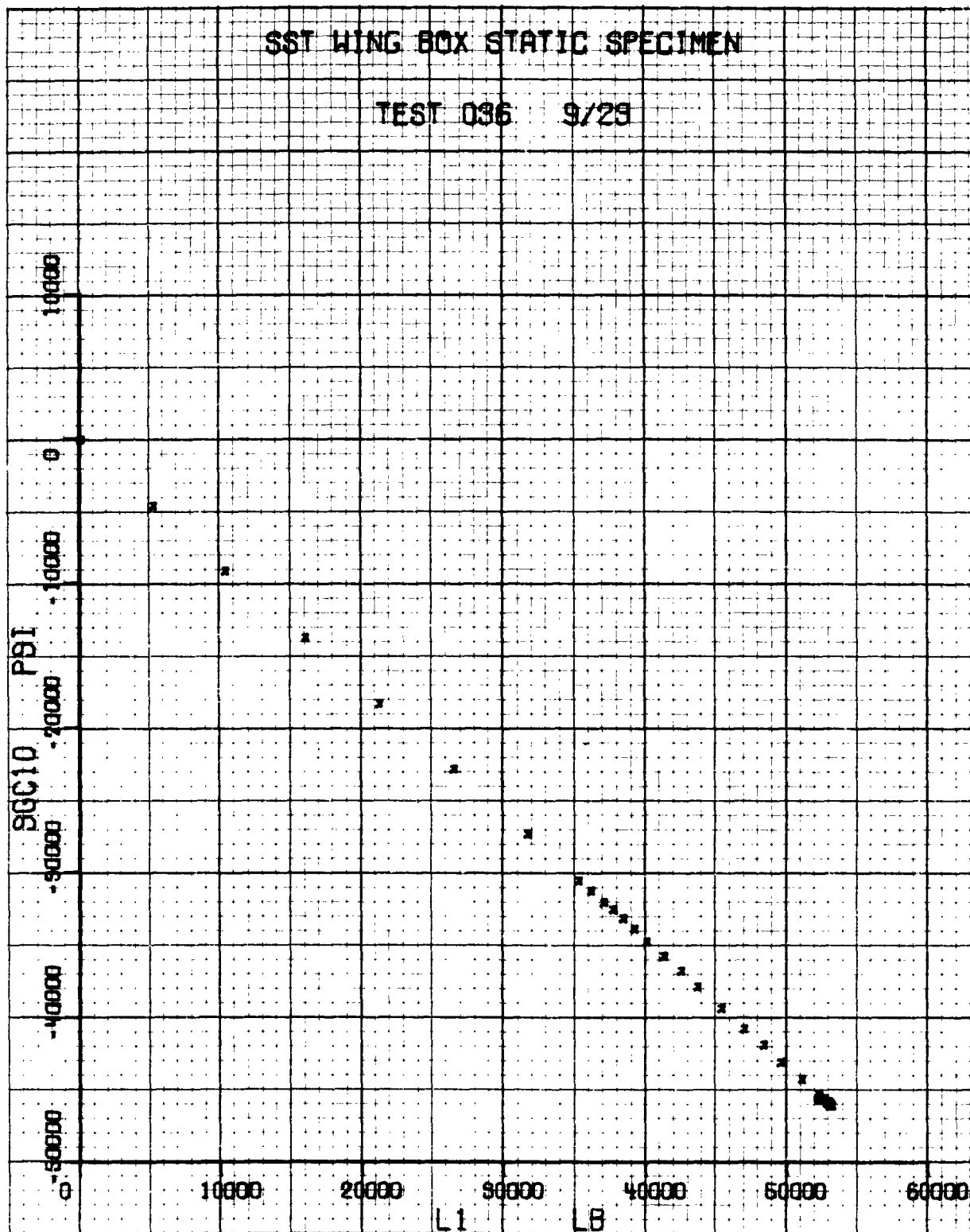


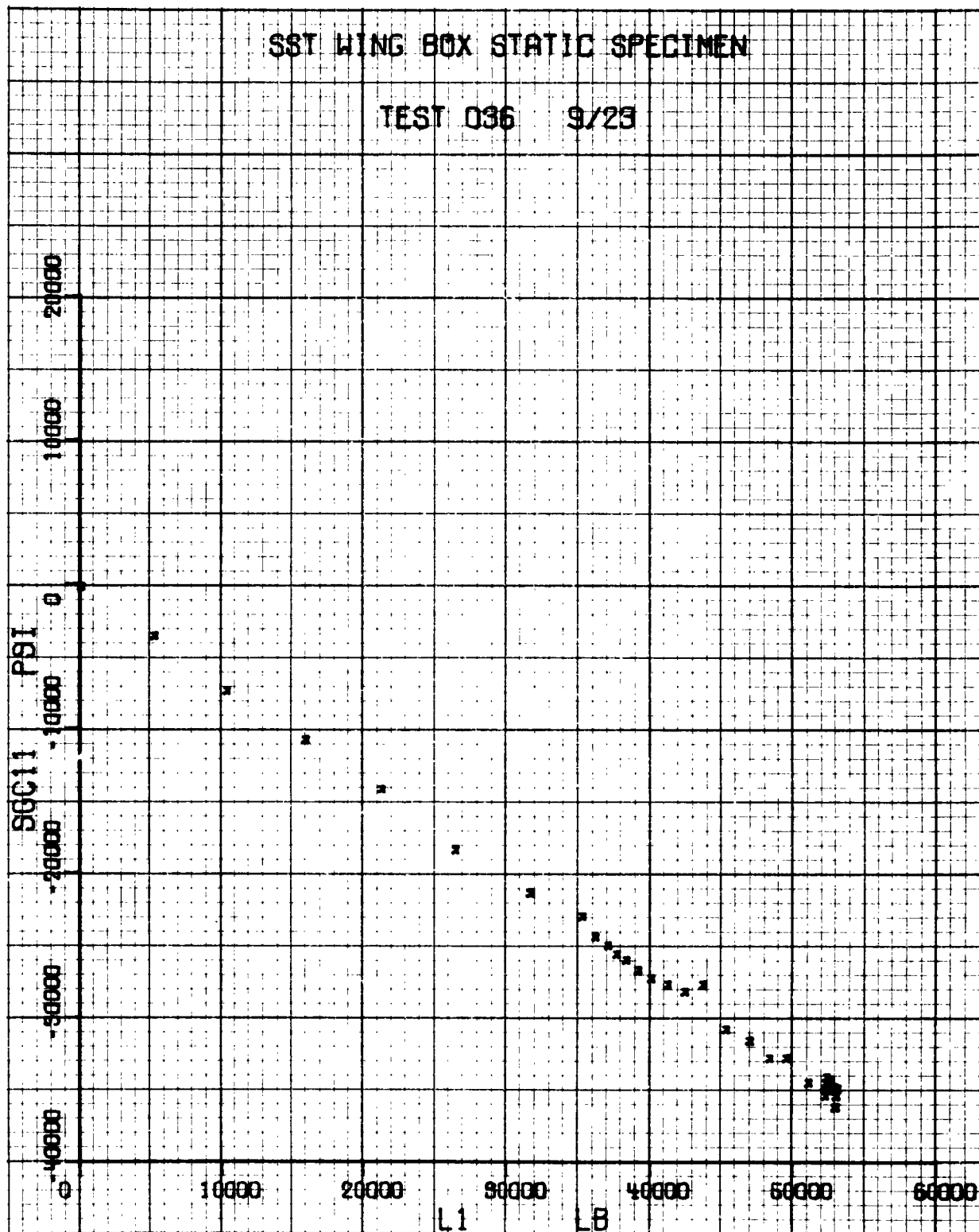






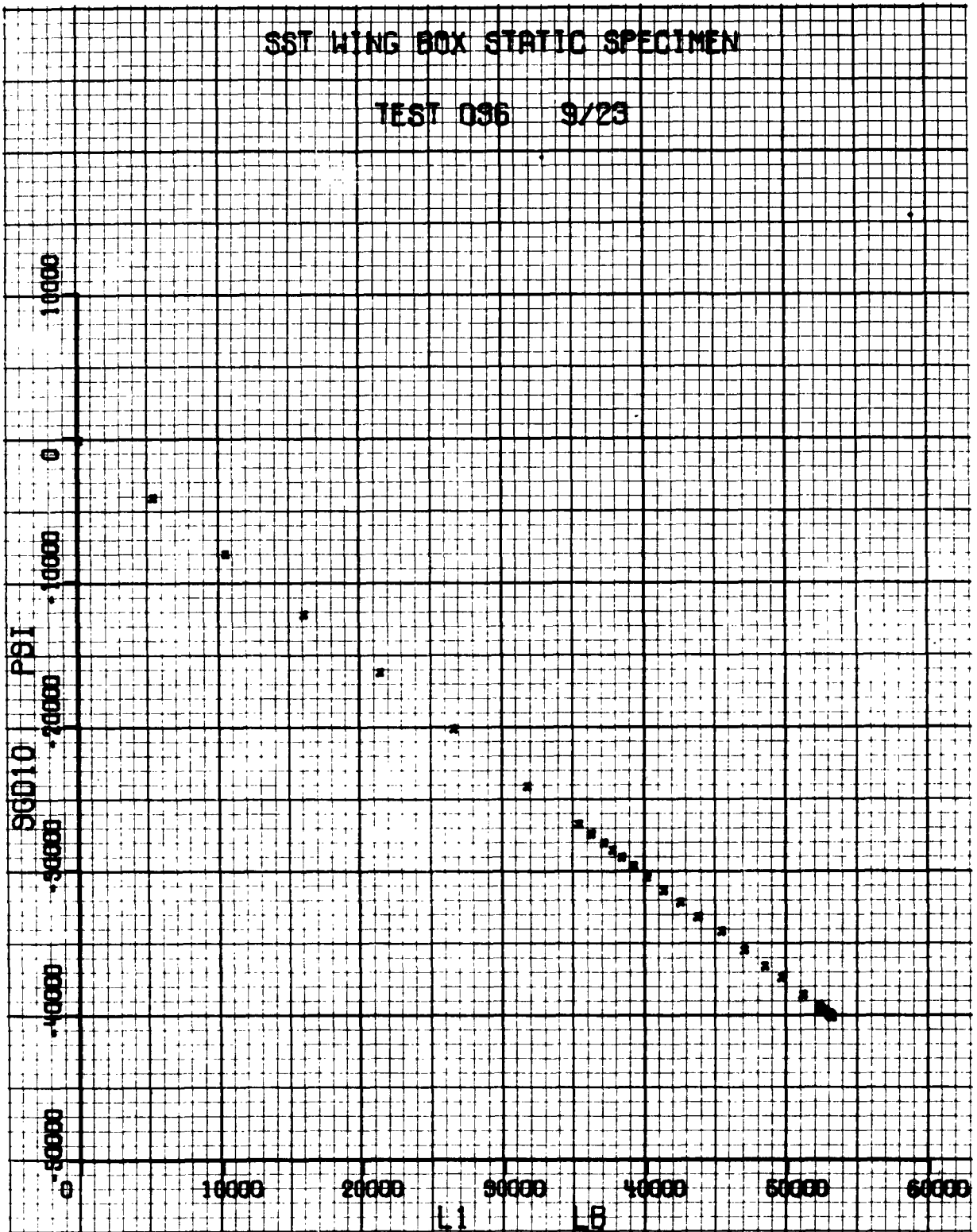


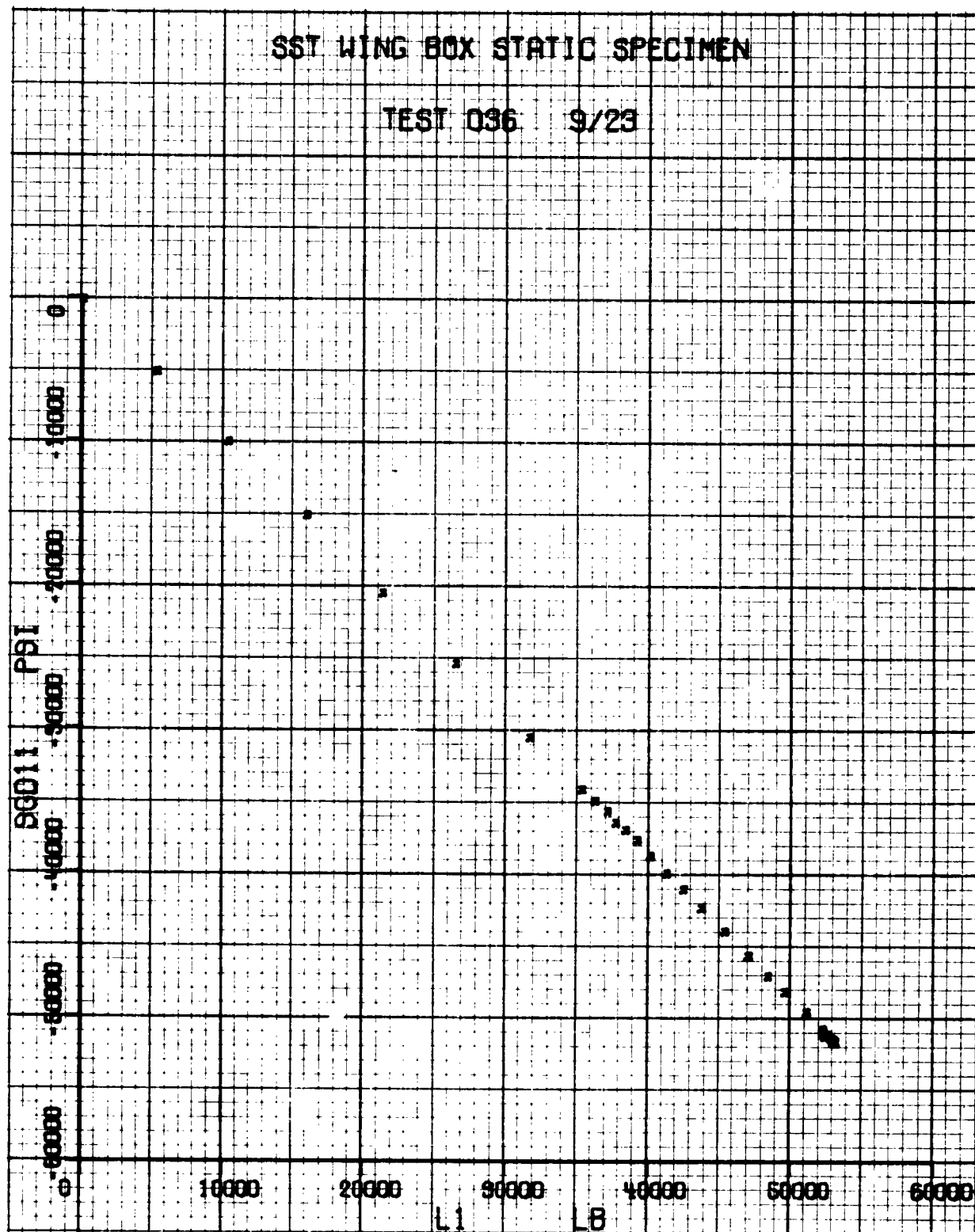


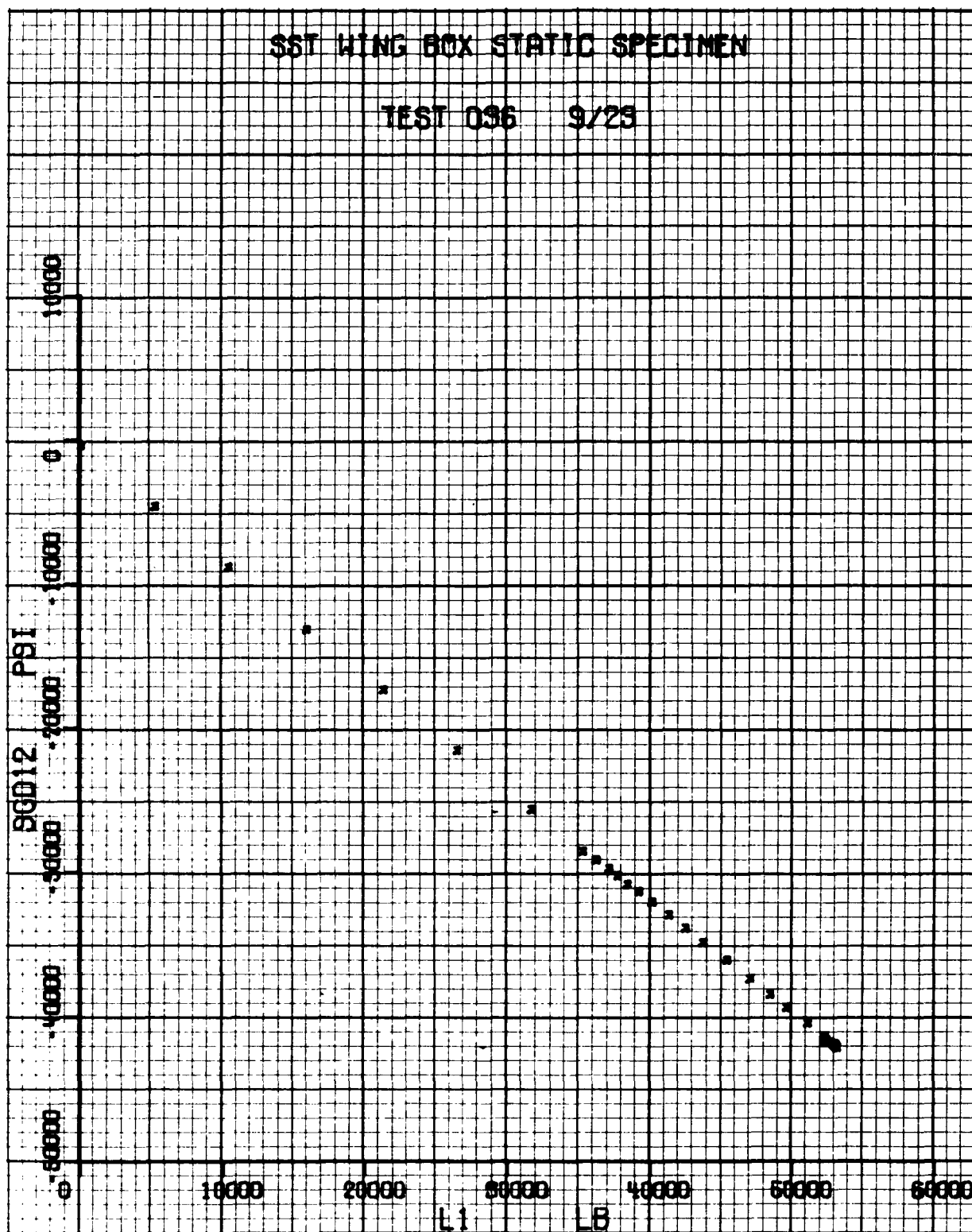


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

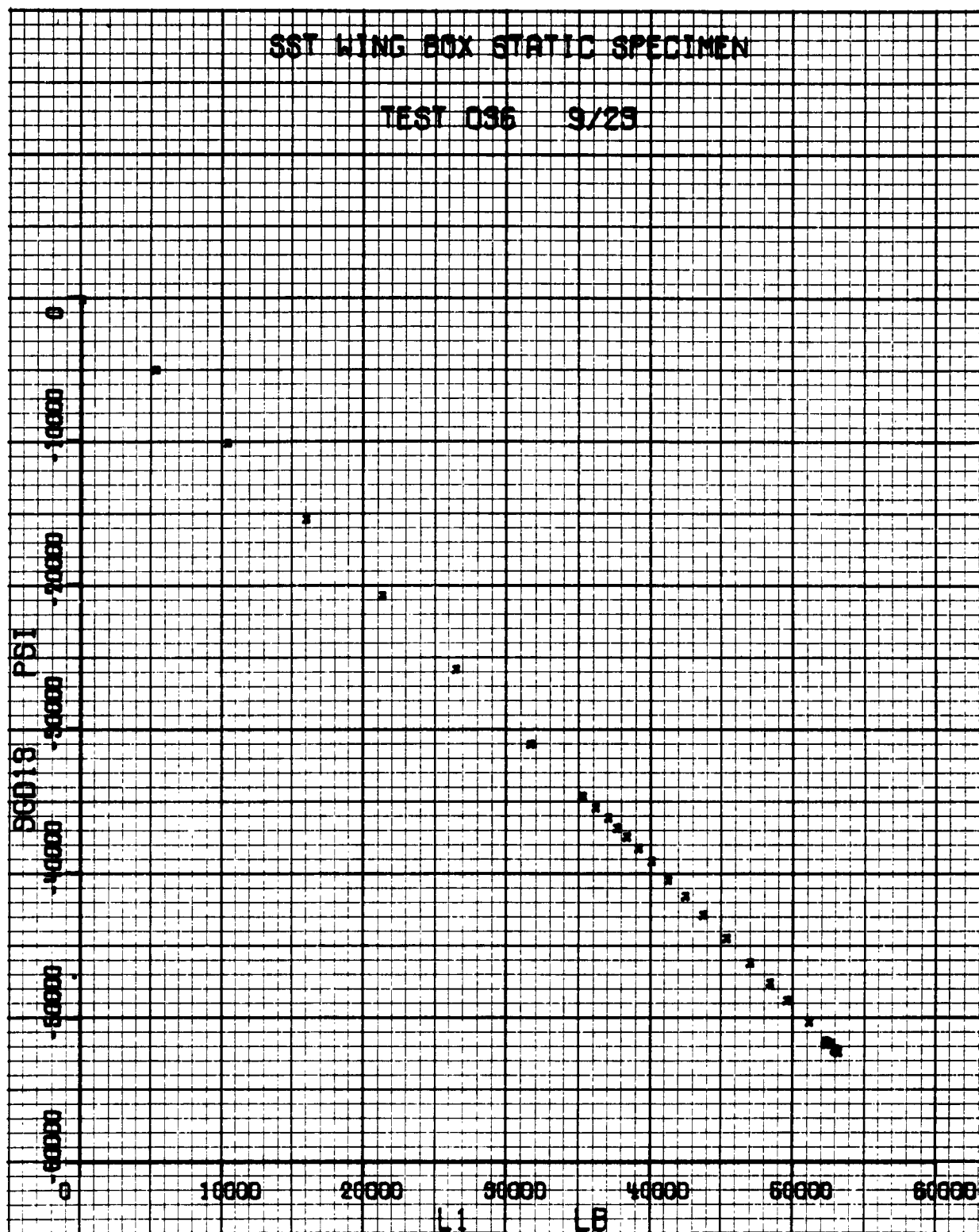






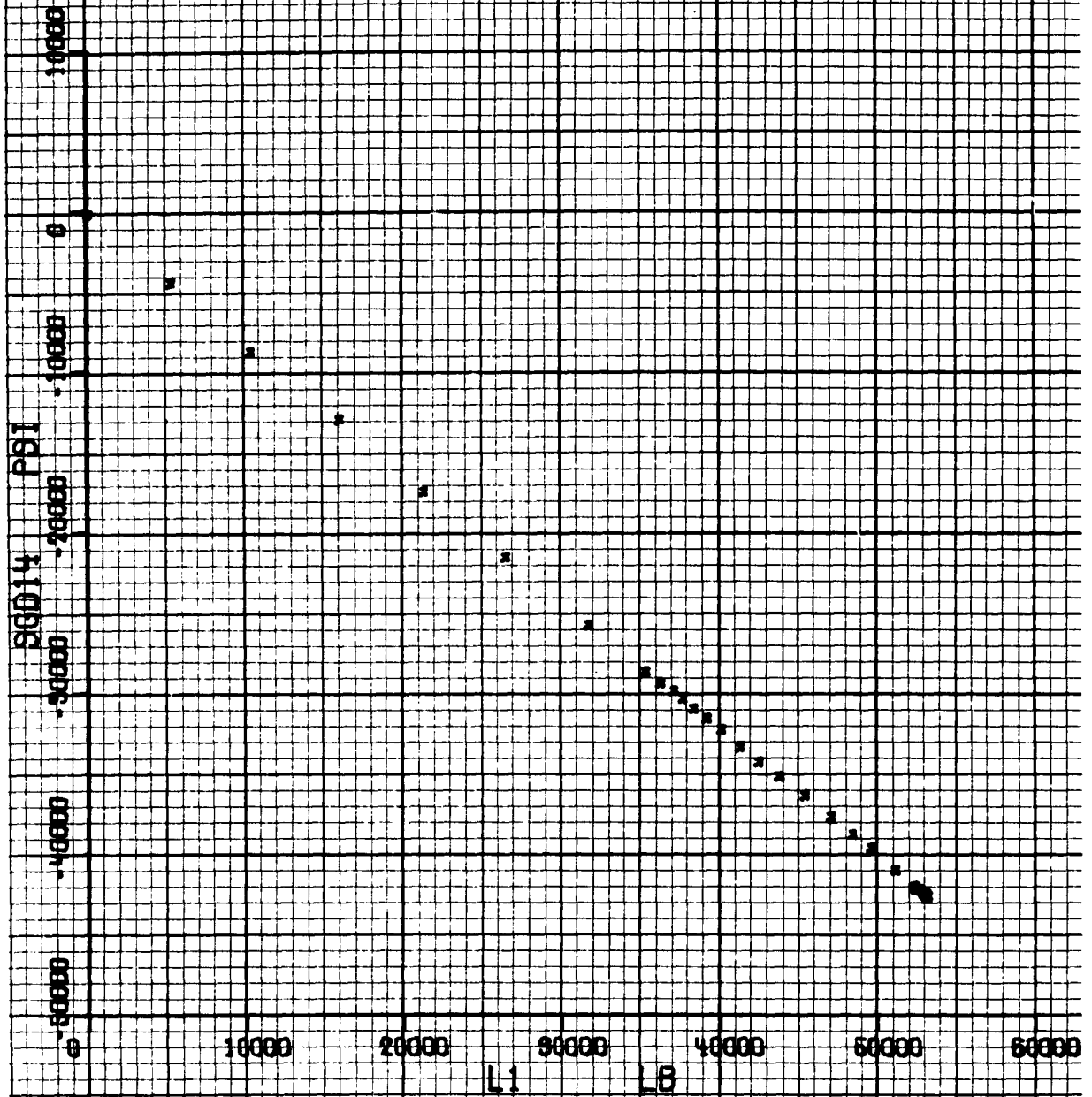
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



# SST WING BOX STATIC SPECIMEN

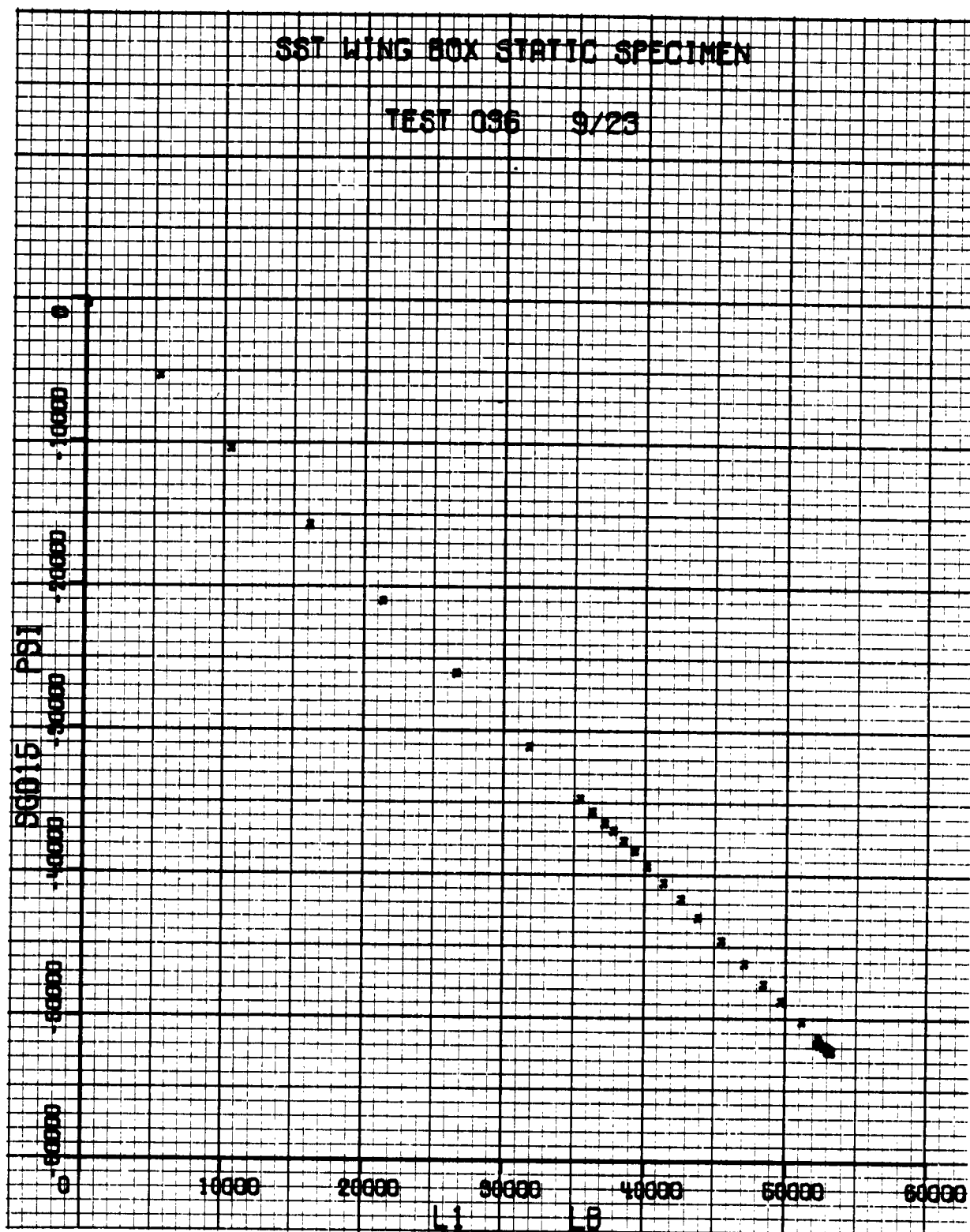
TEST 036 9/25





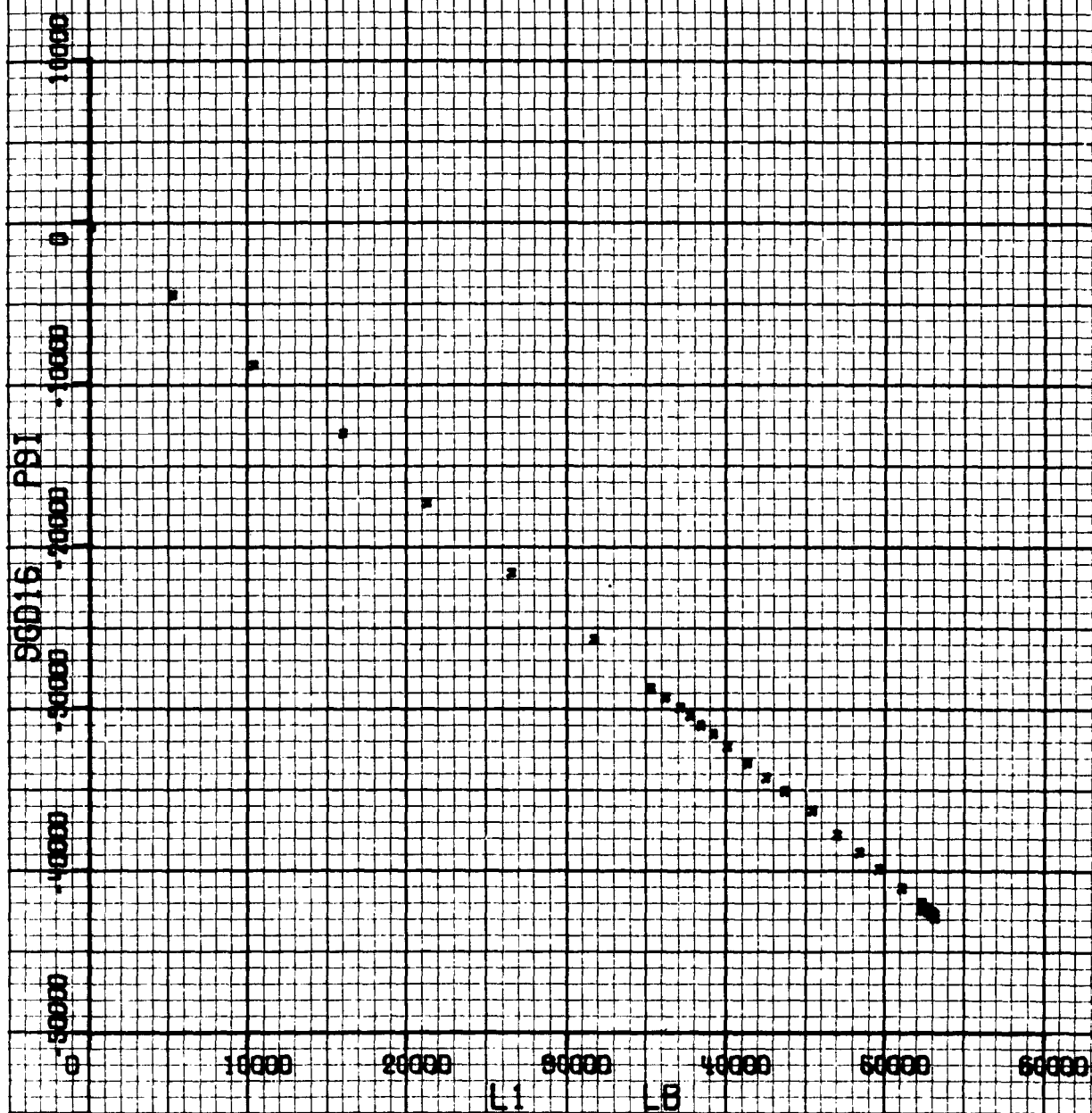
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



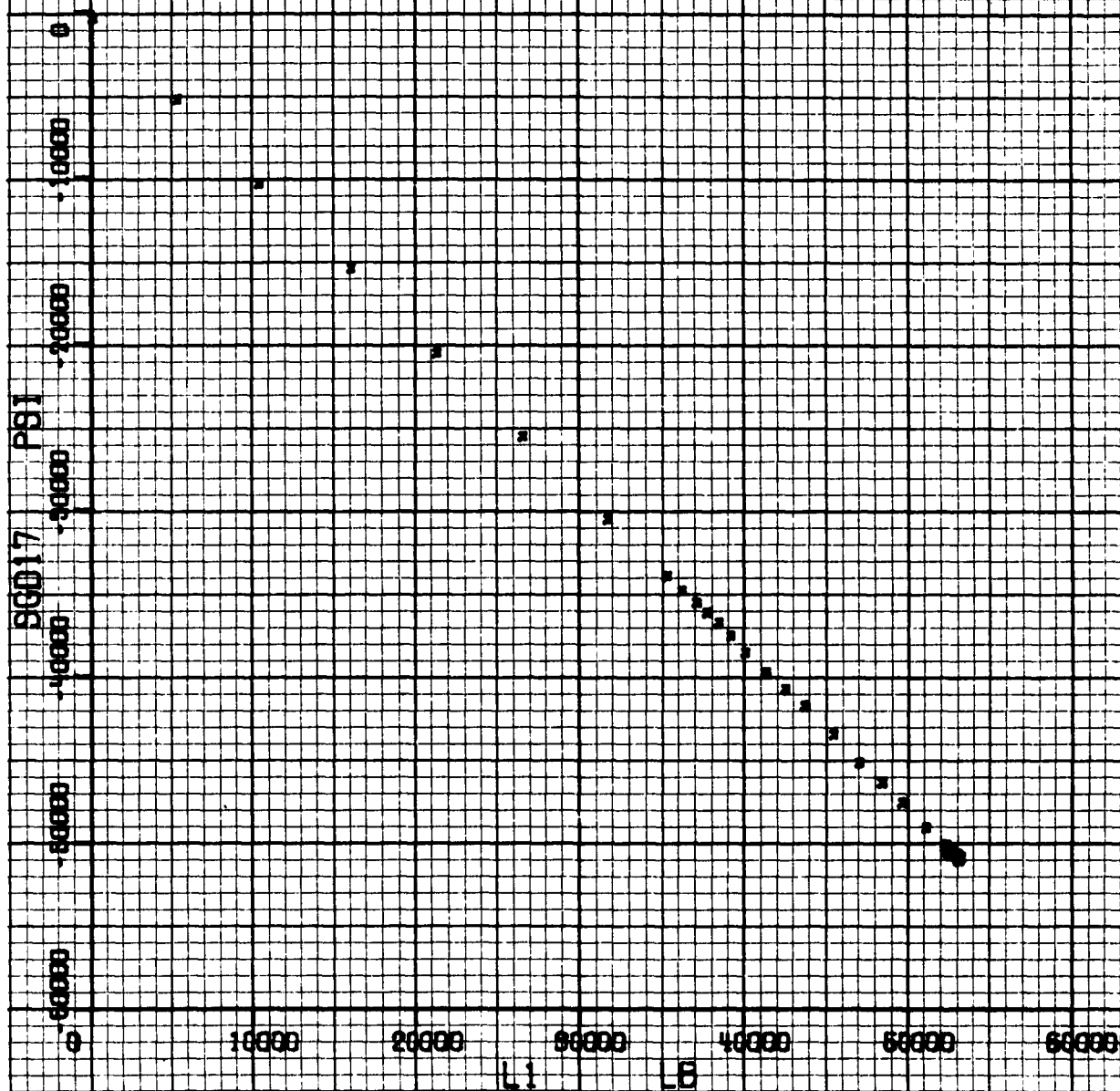
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



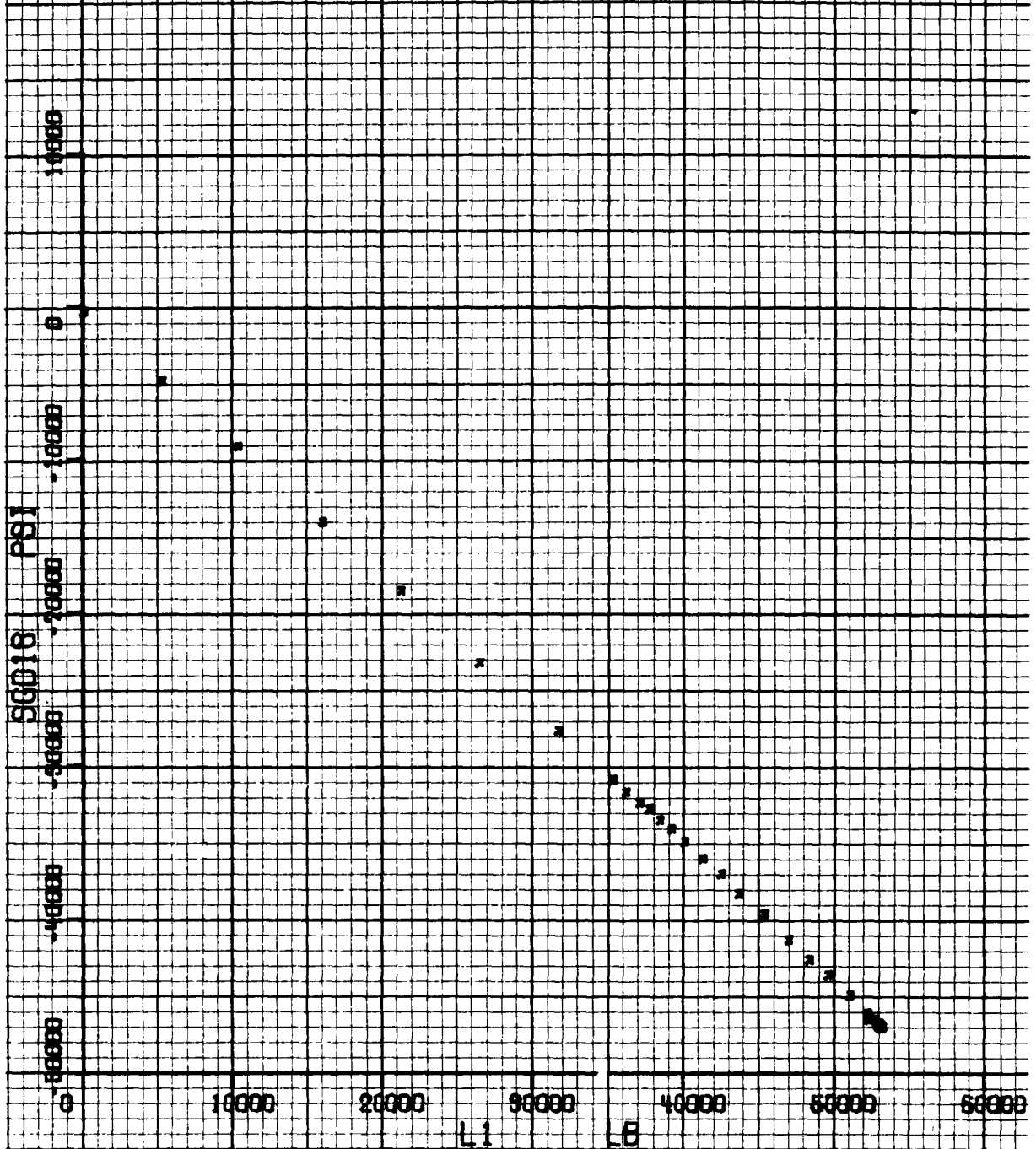
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



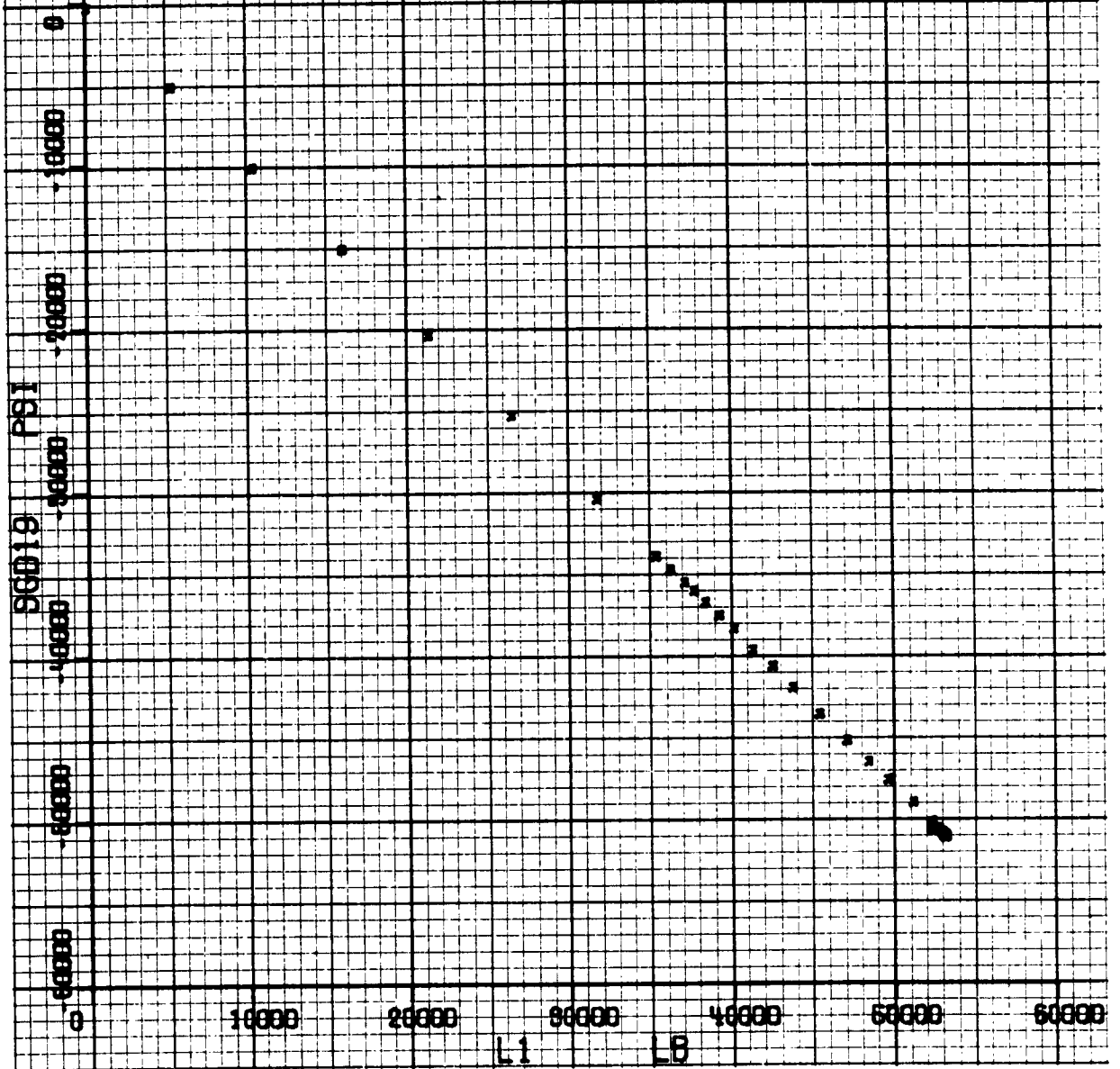
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



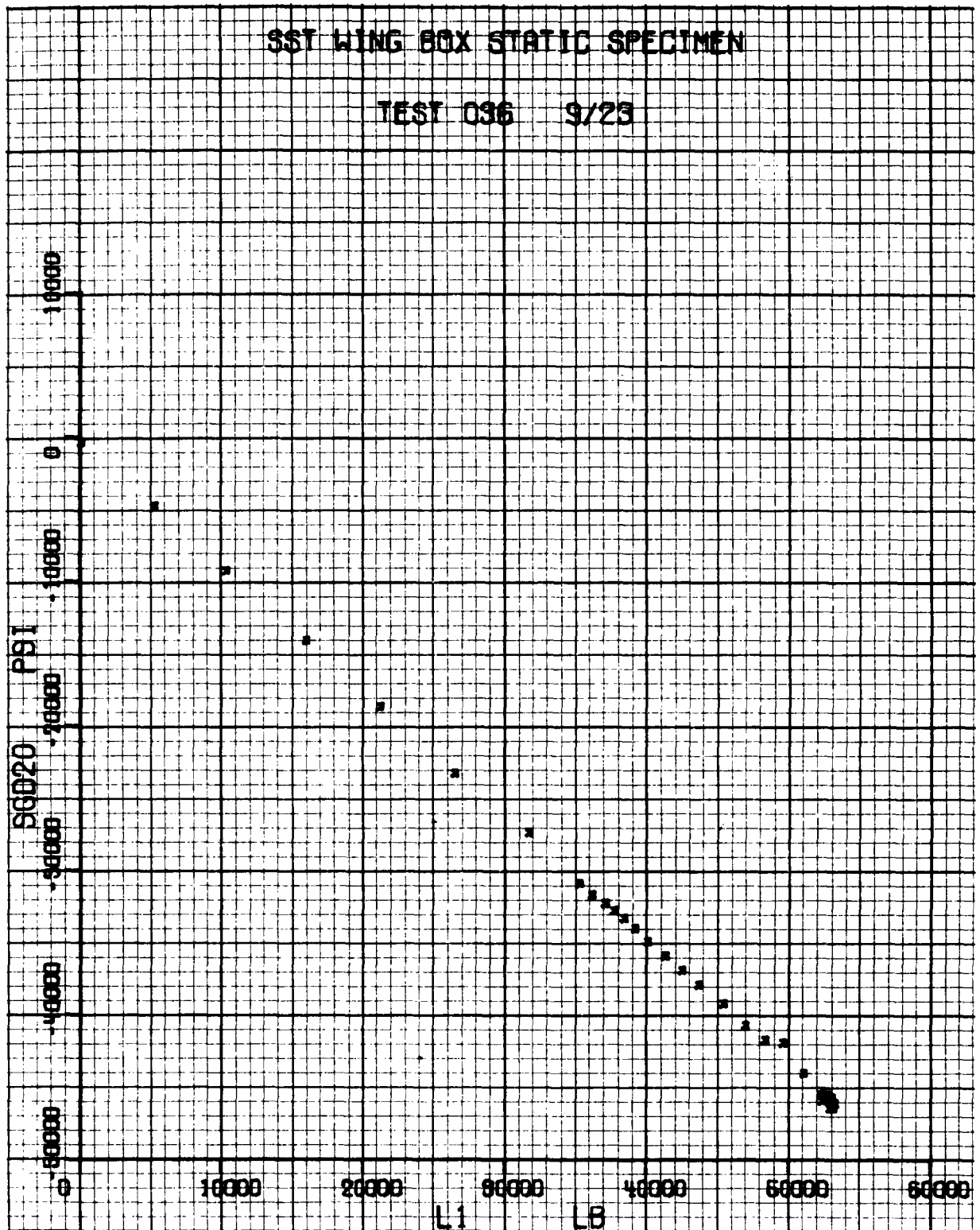
# SST WING BOX STATIC SPECIMEN

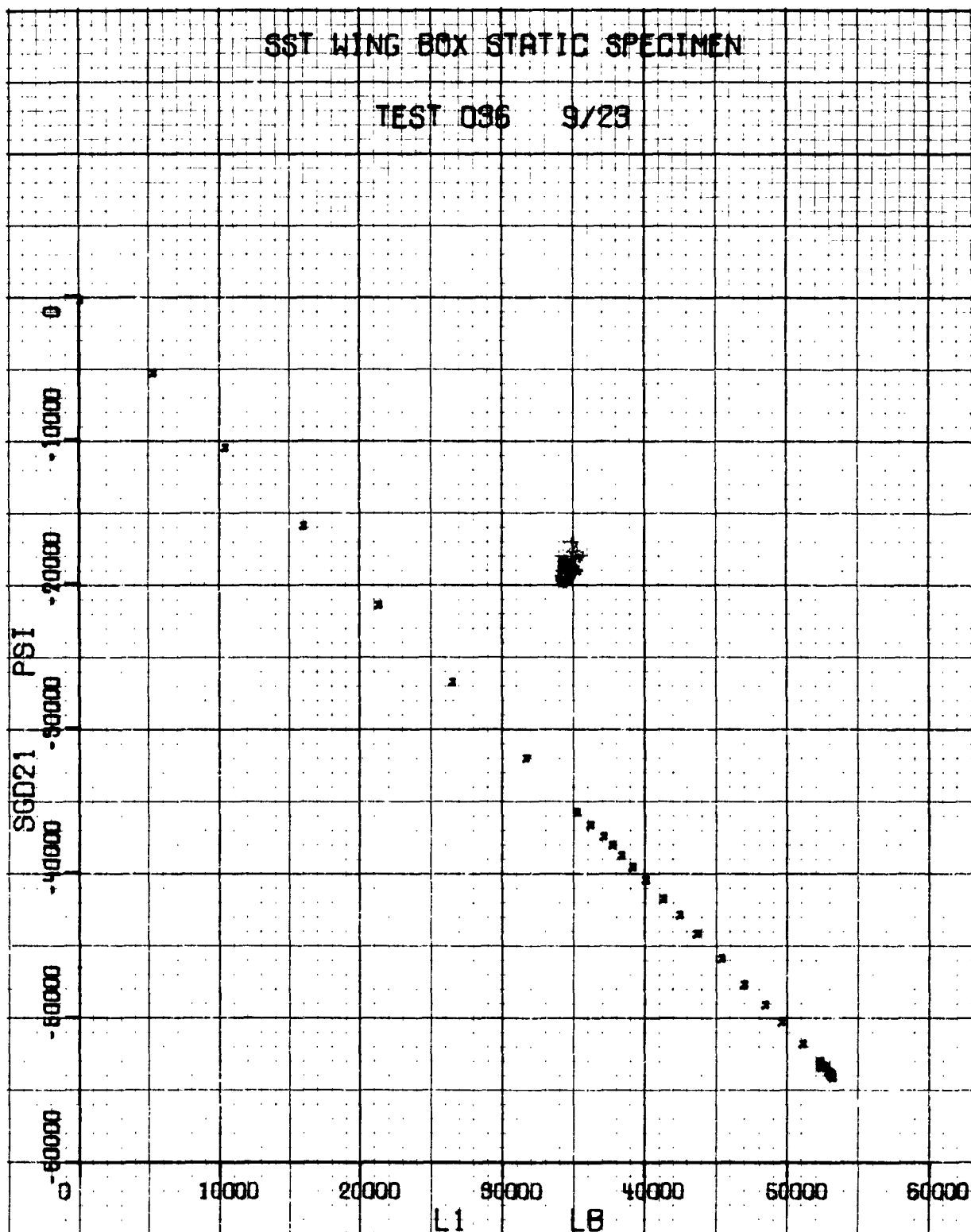
TEST 036 9/23

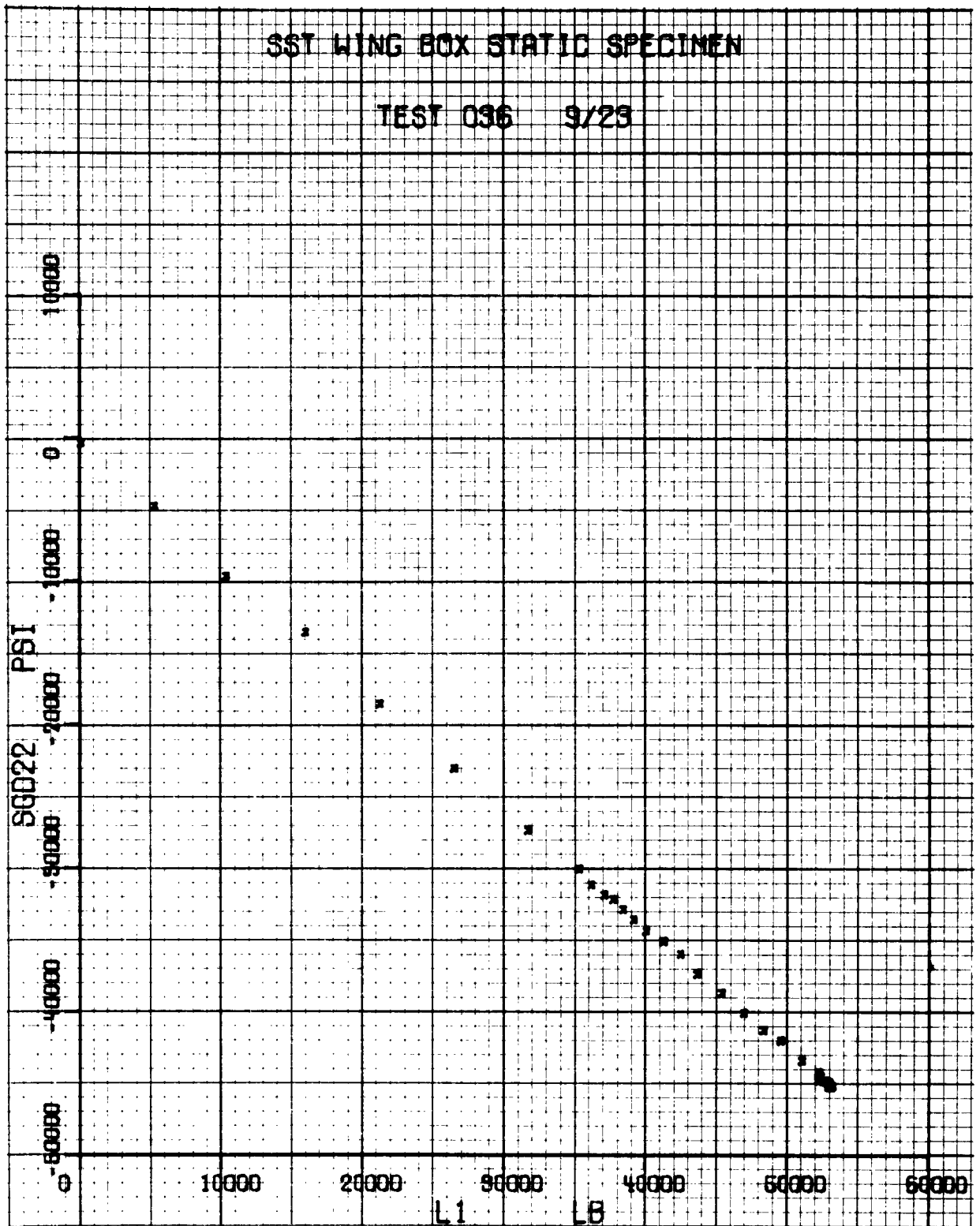


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



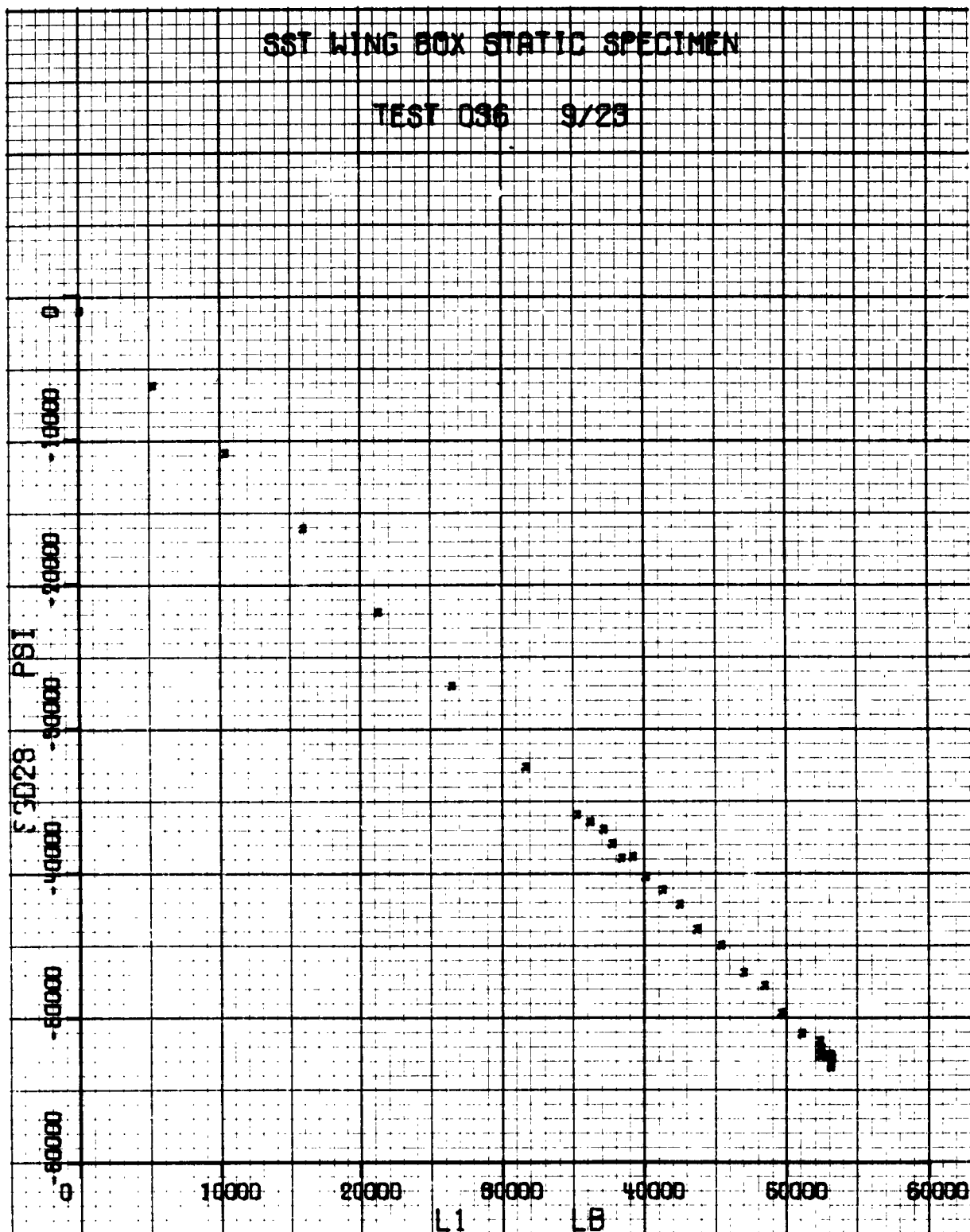






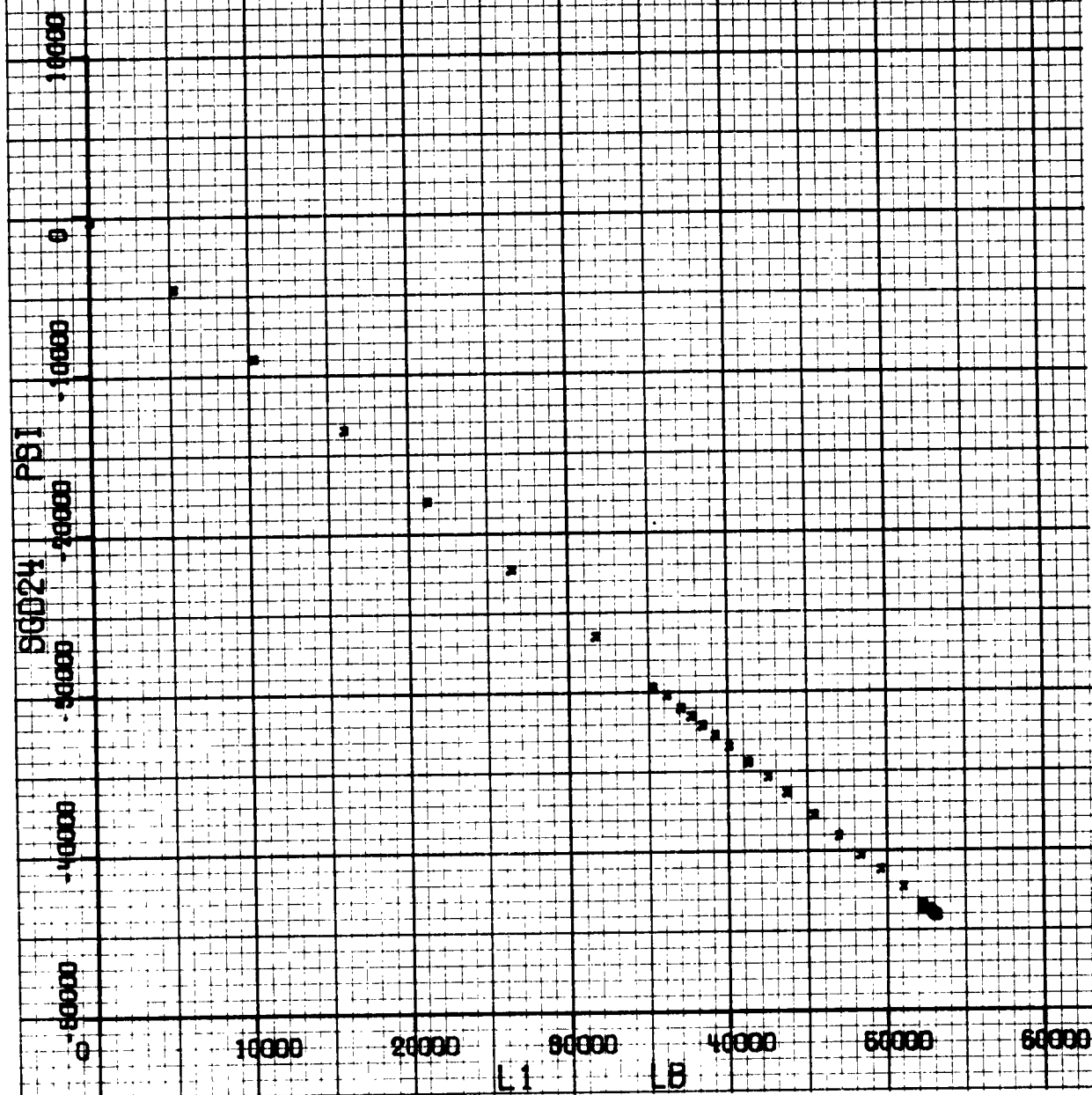
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



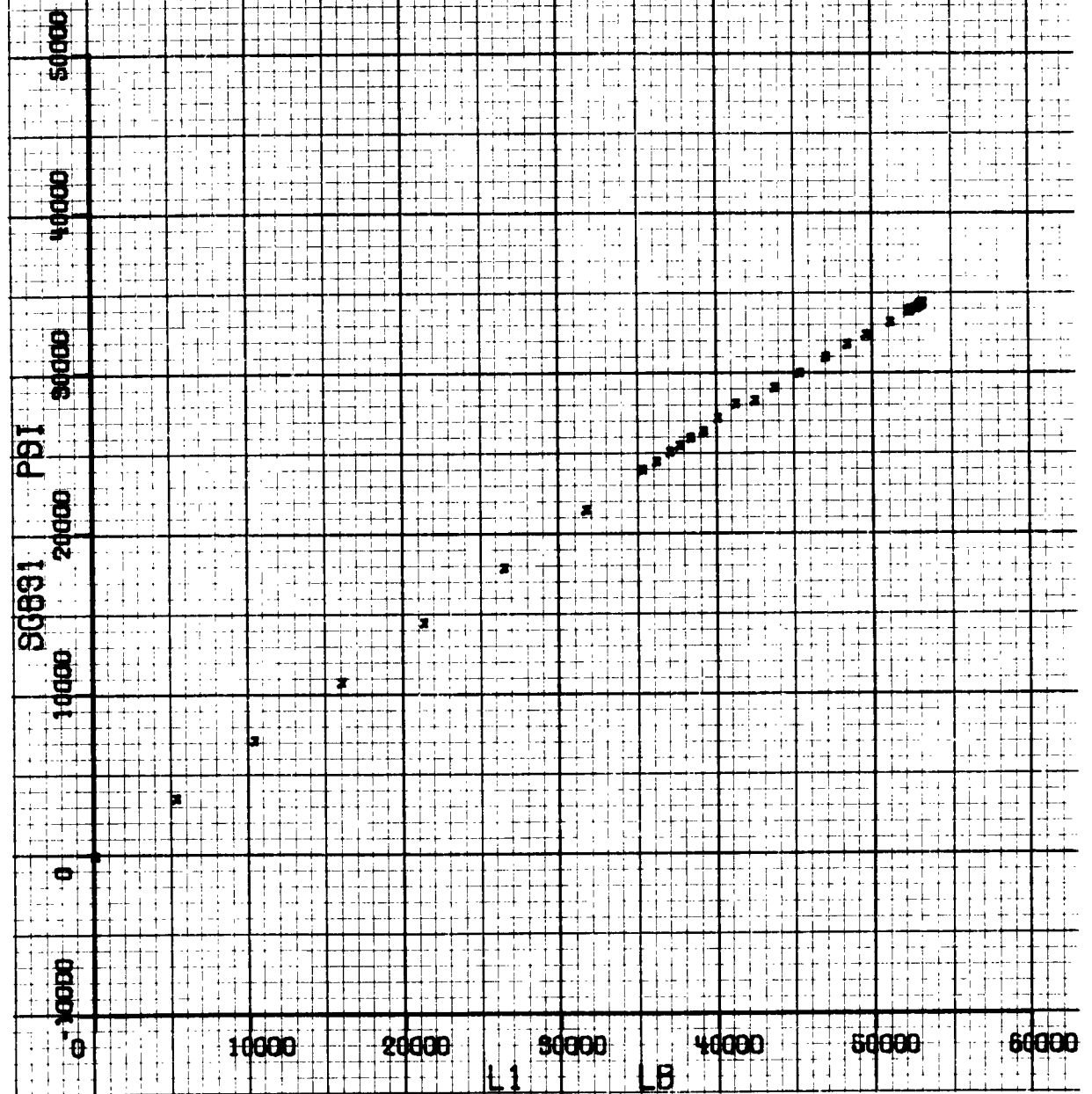
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



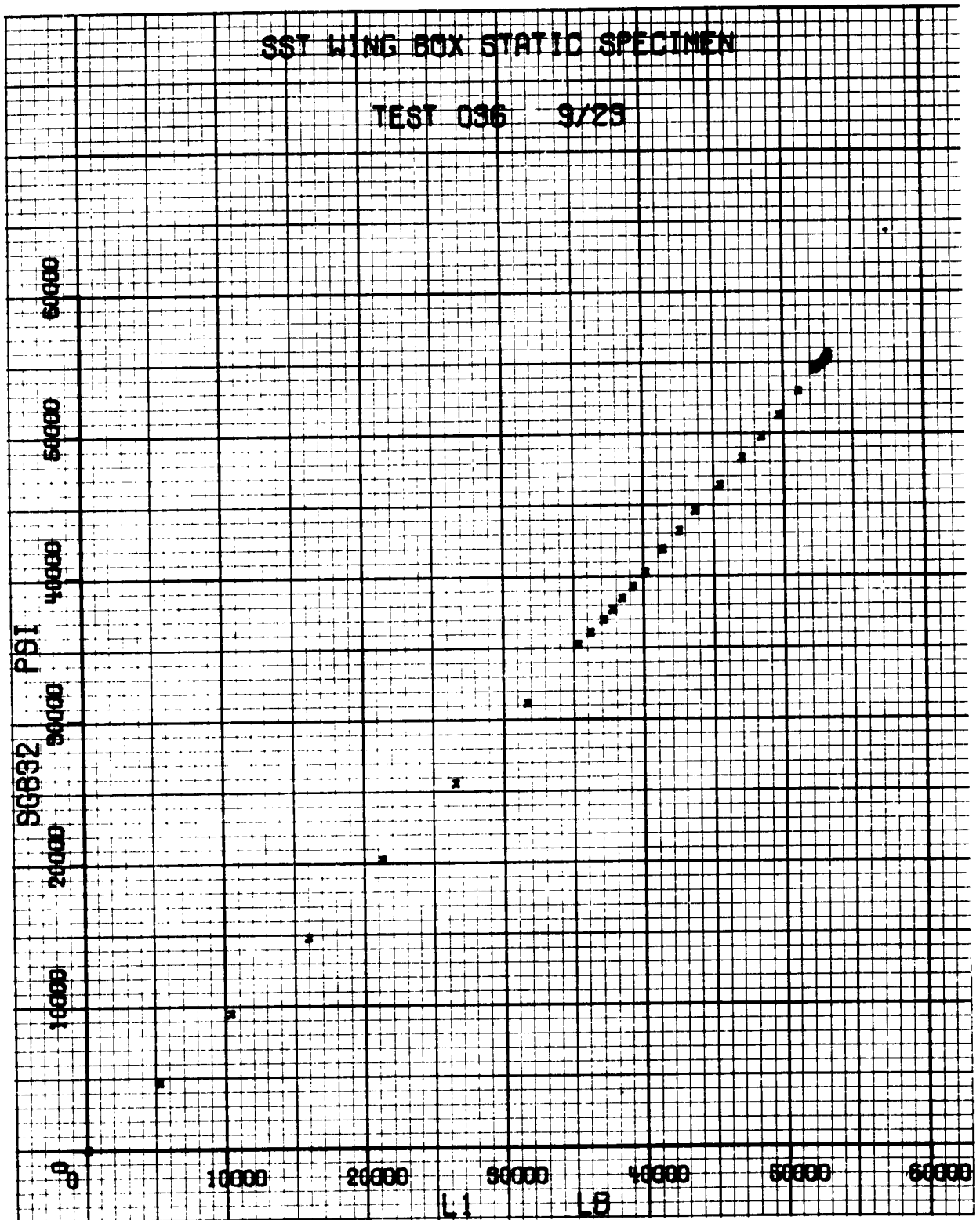
# SST WING BOX STATIC SPECIMEN

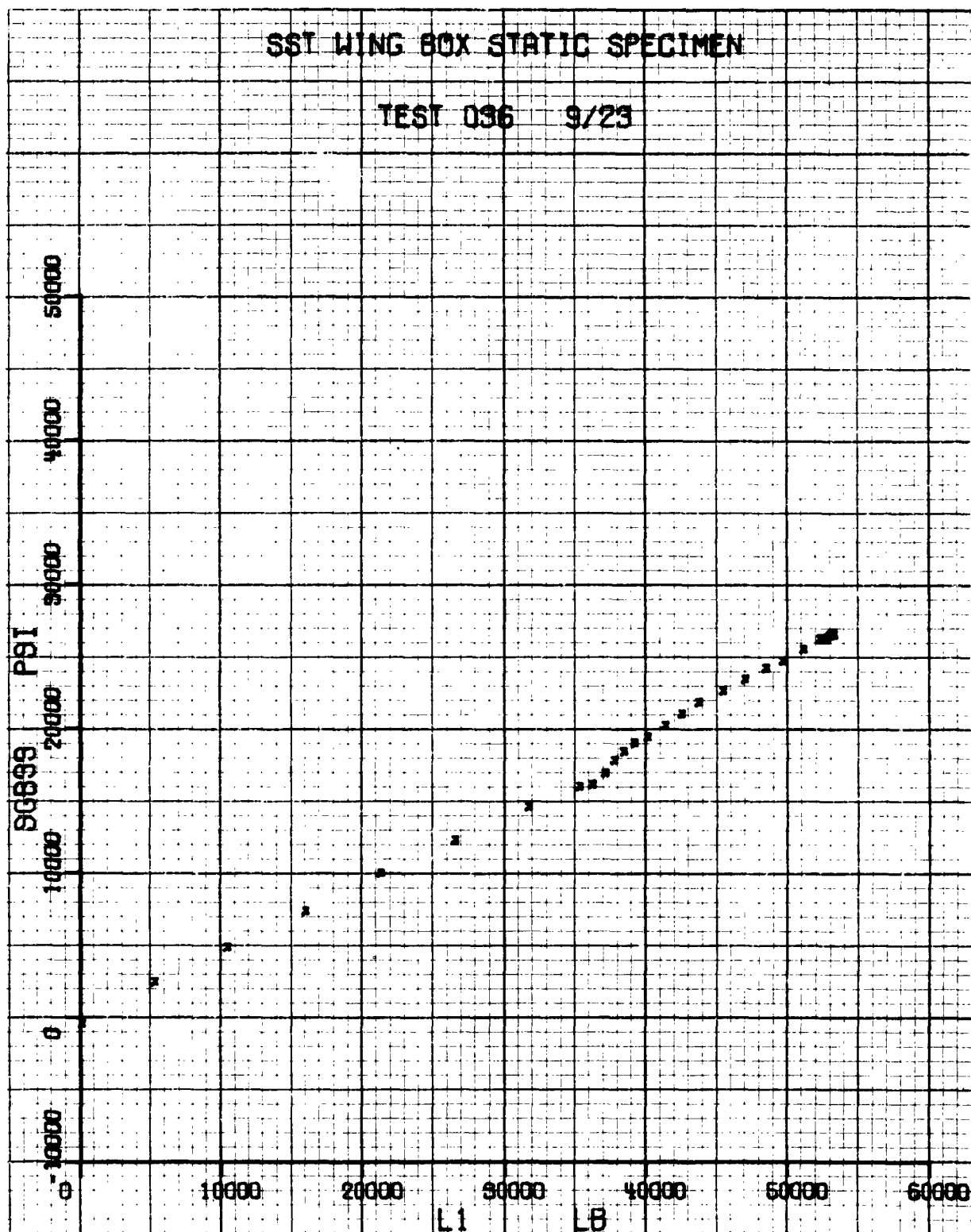
TEST 096 9/29

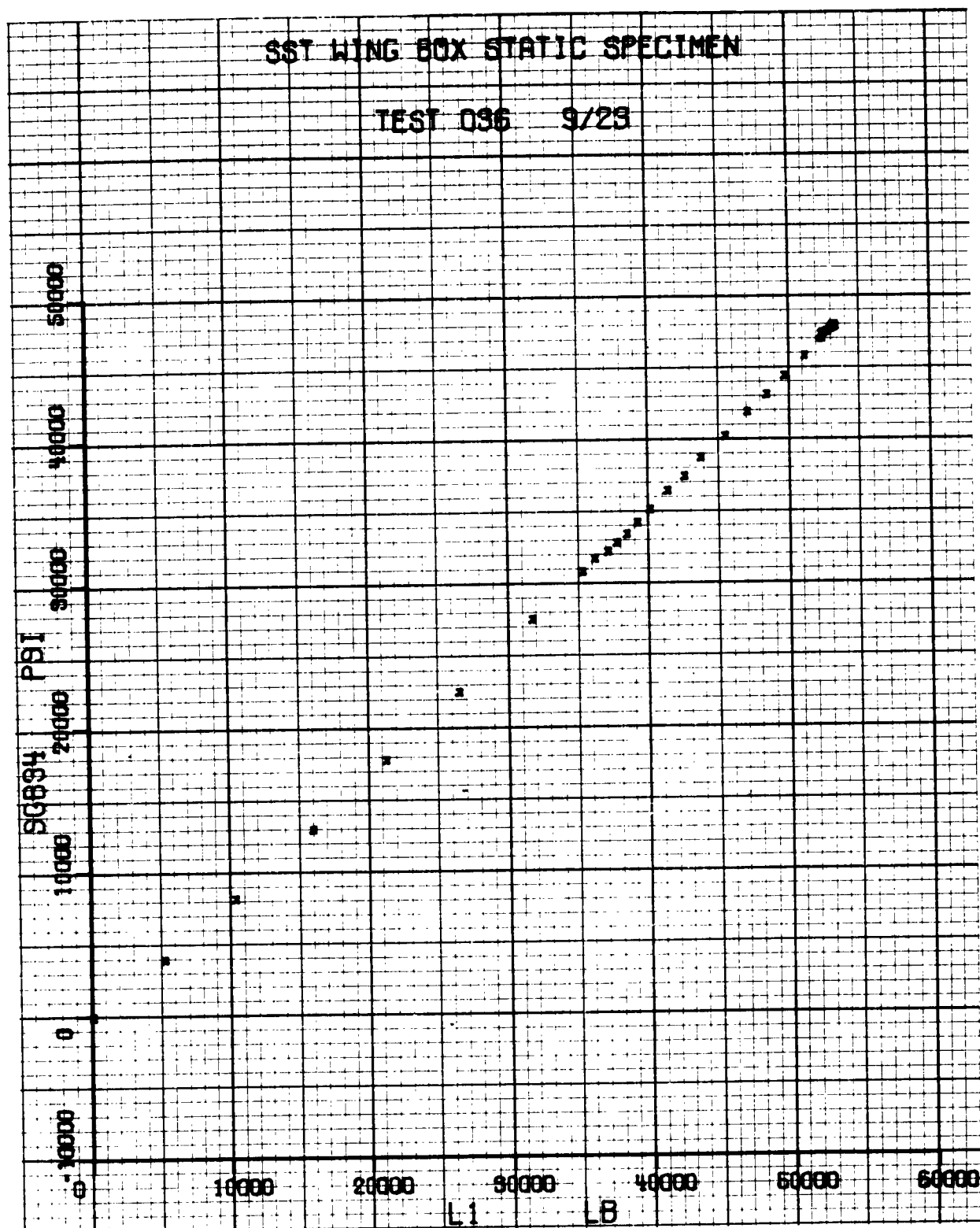


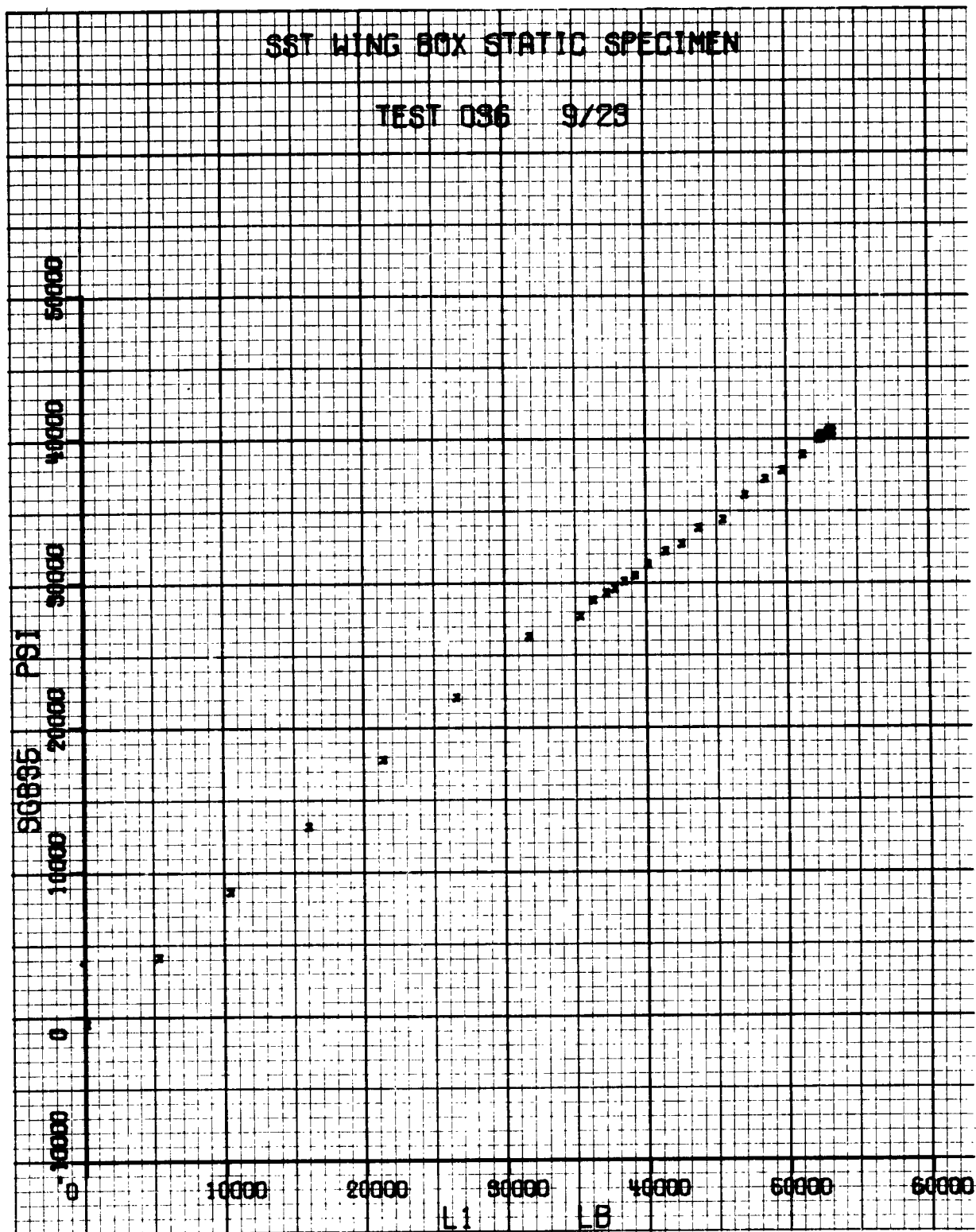
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



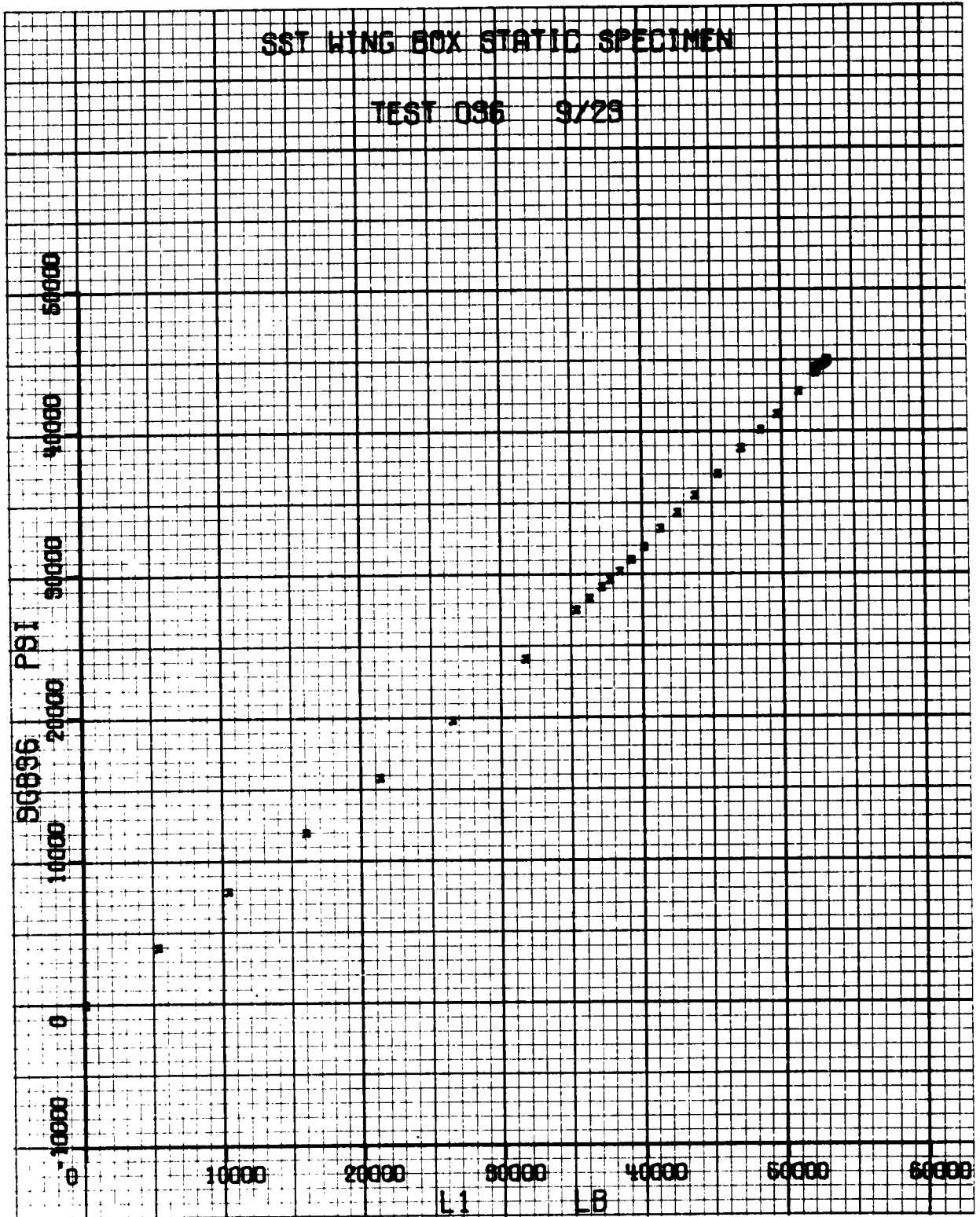






# SST WING BOX STATIC SPECIMEN

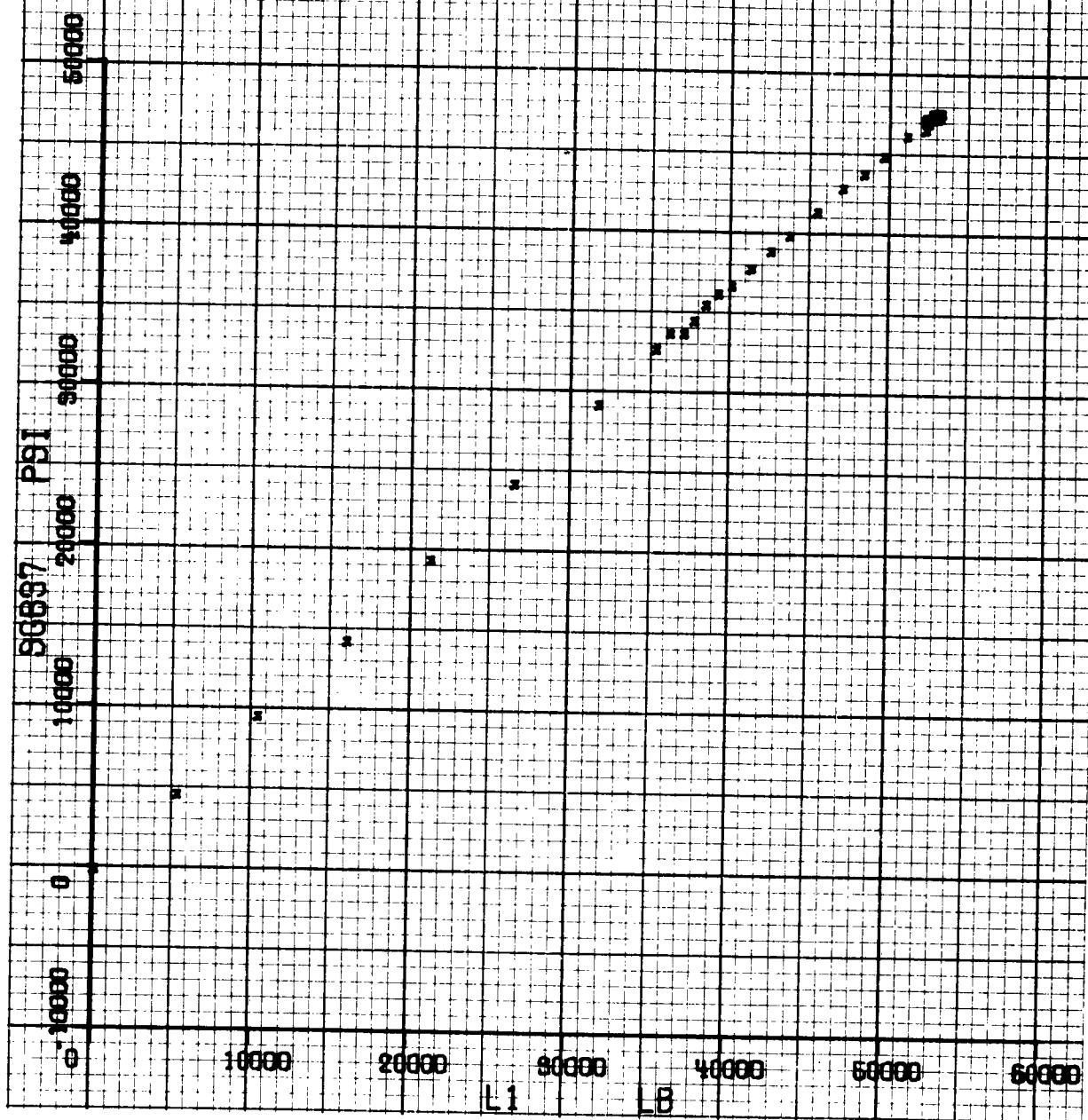
TEST 036 9/29

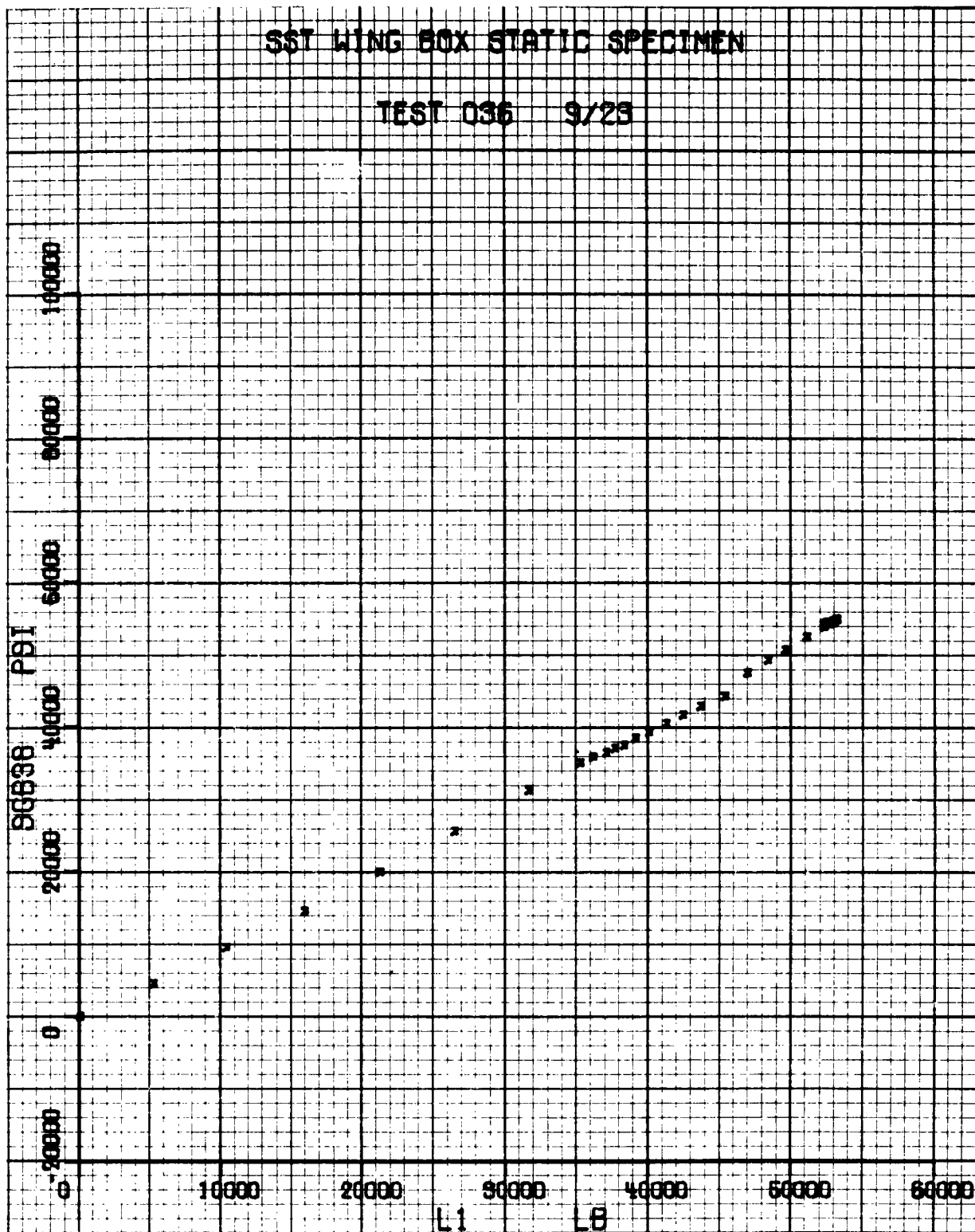


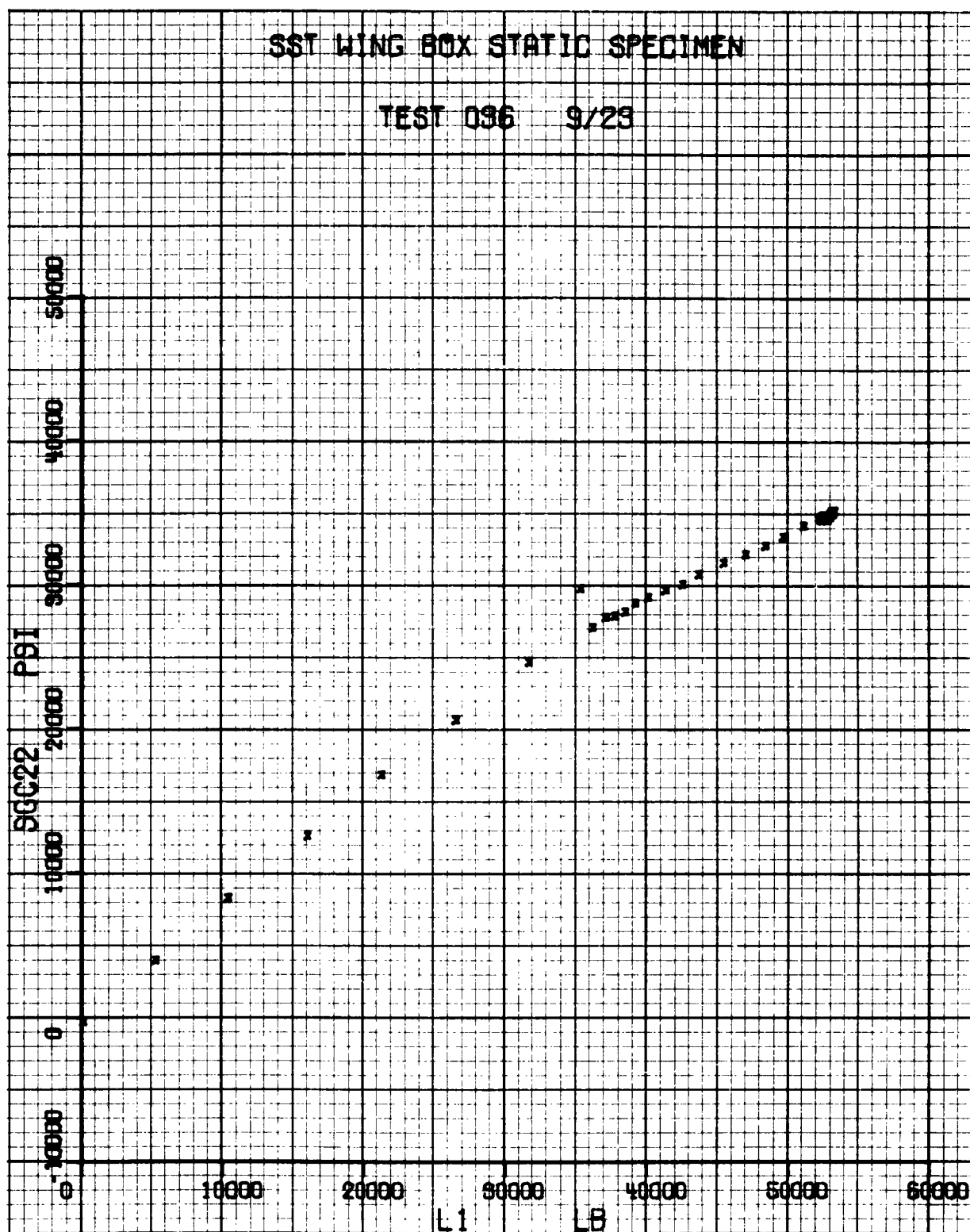


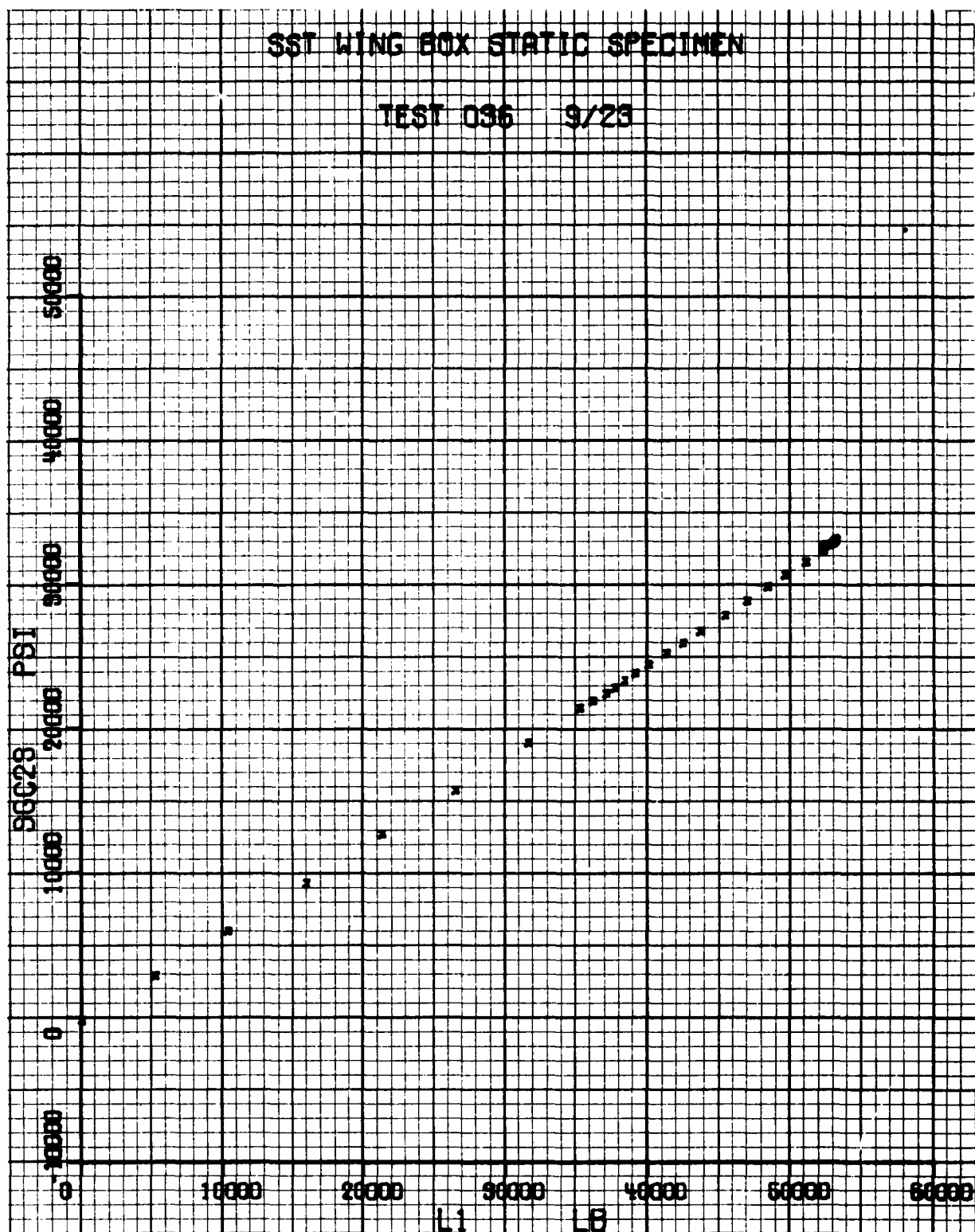
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



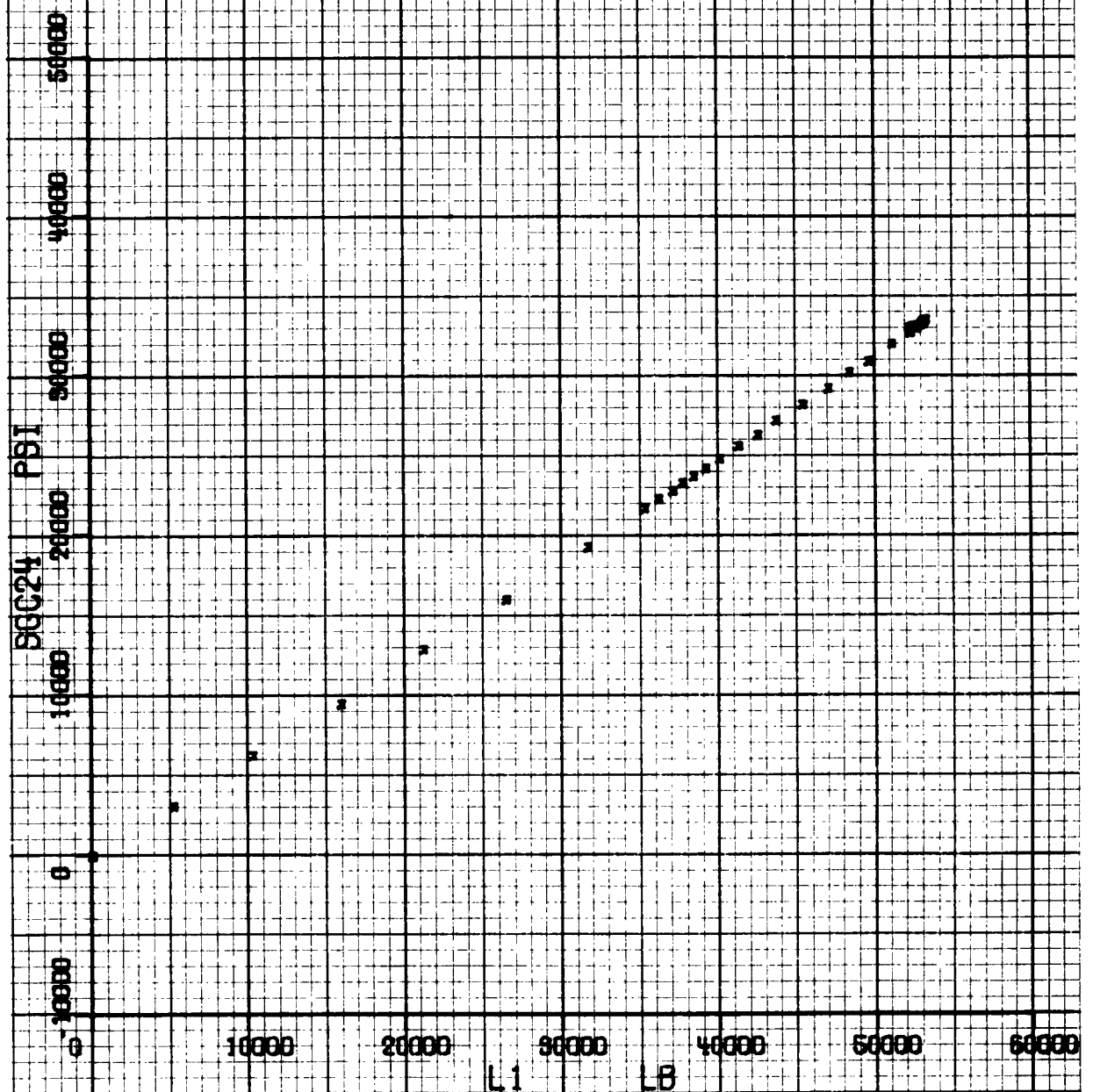


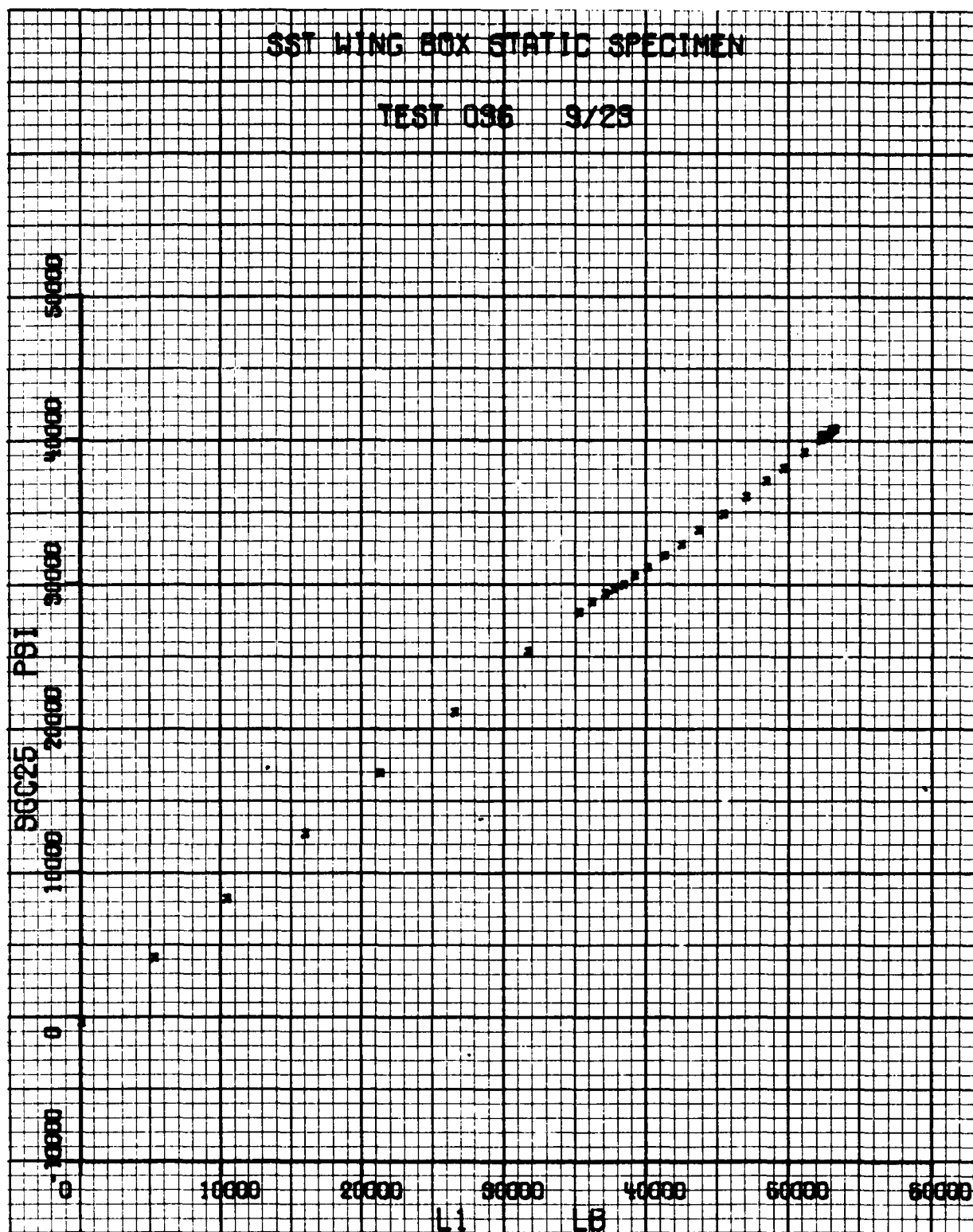




# SST WING BOX STATIC SPECIMEN

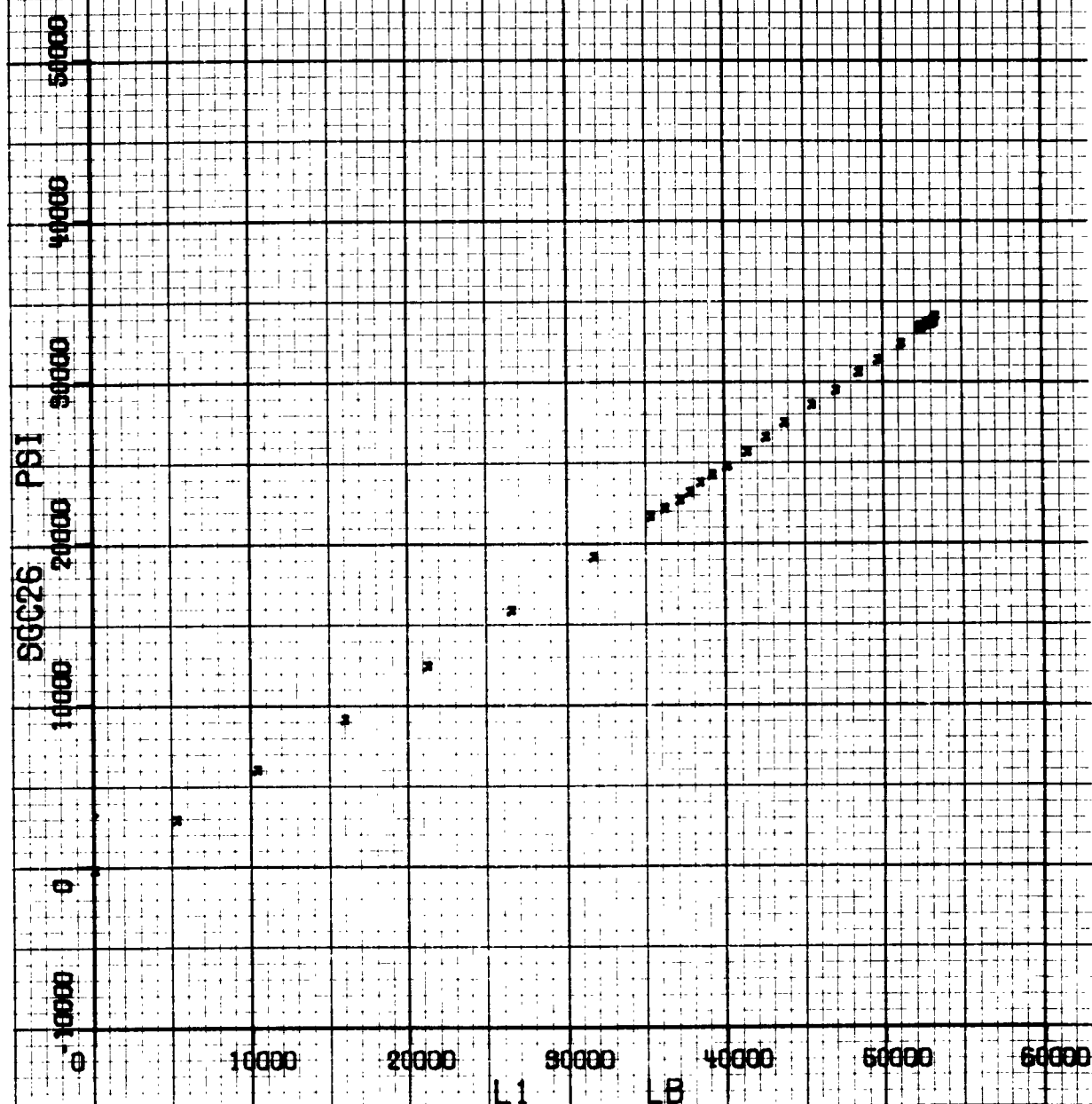
TEST 036 9/29





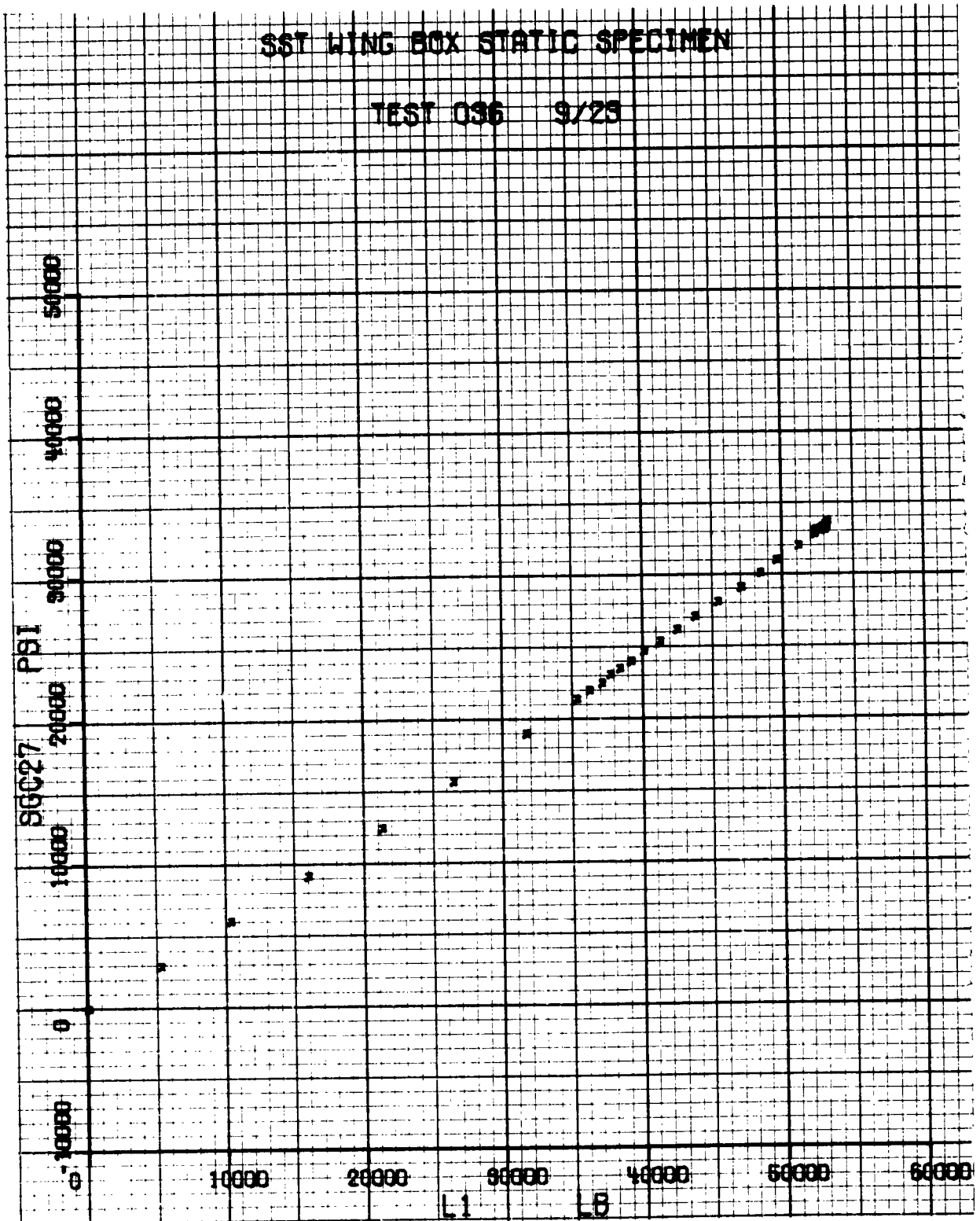
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

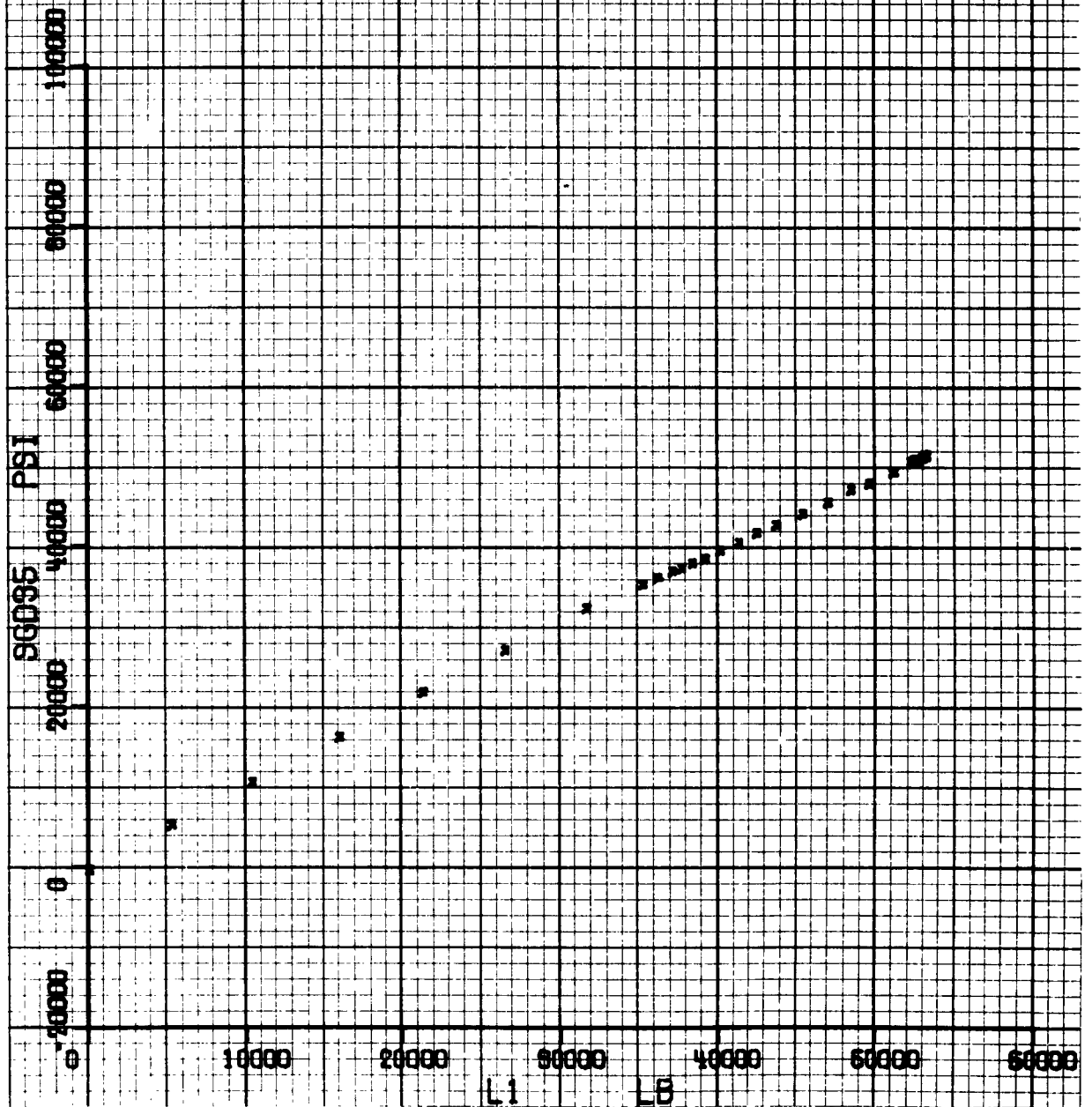
TEST 036 9/25

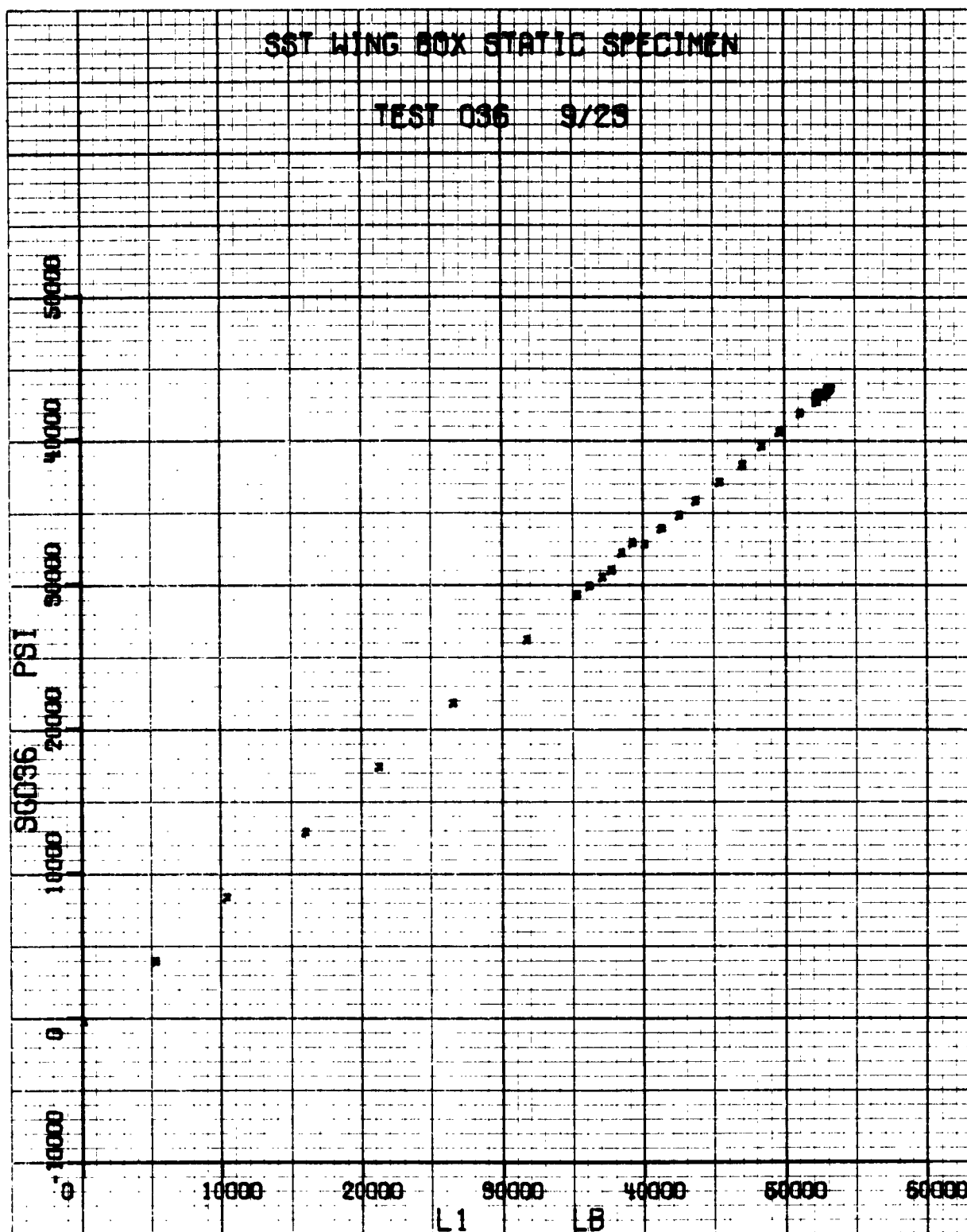




# SST WING BOX STATIC SPECIMEN

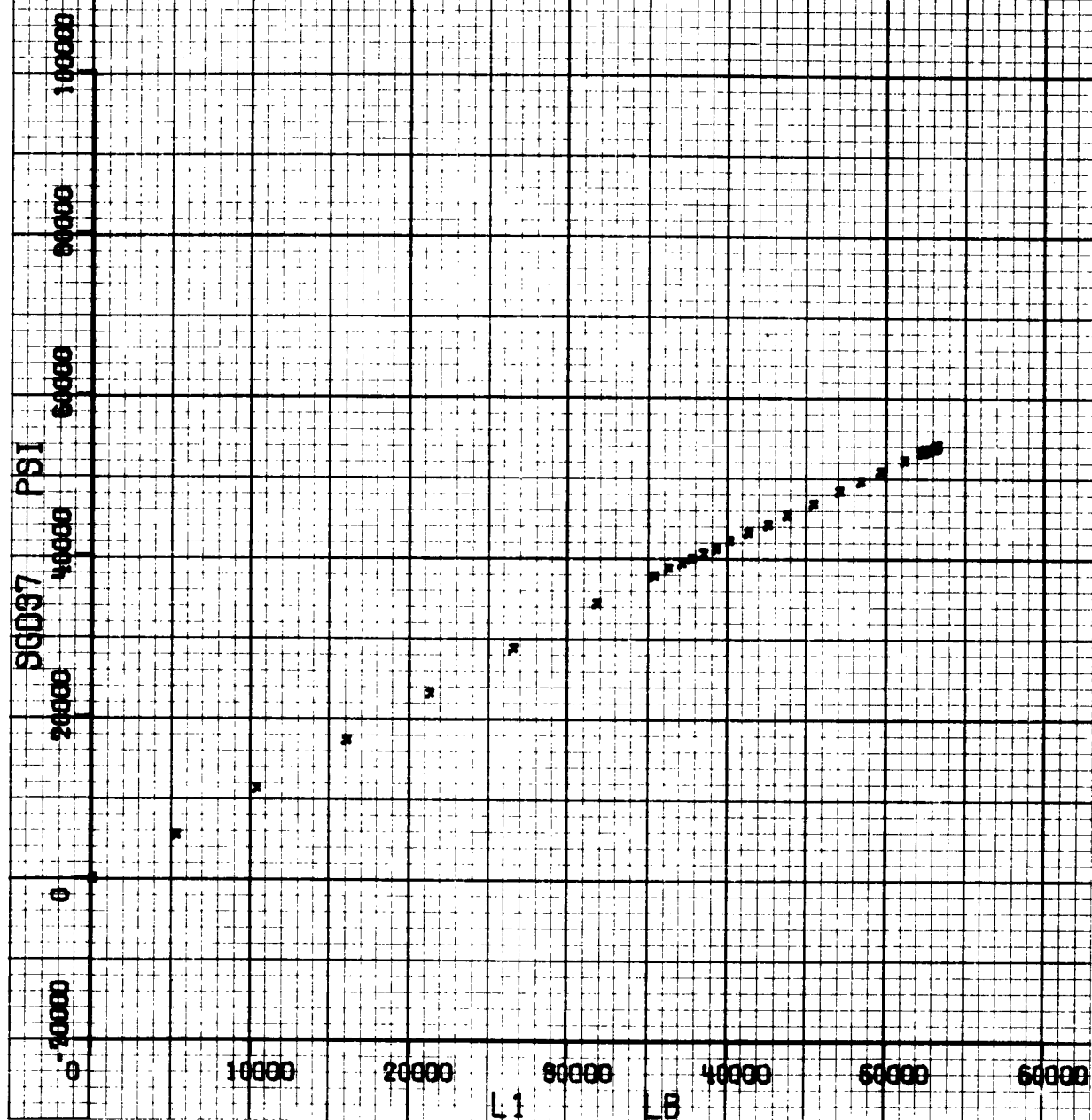
TEST 036 9/23

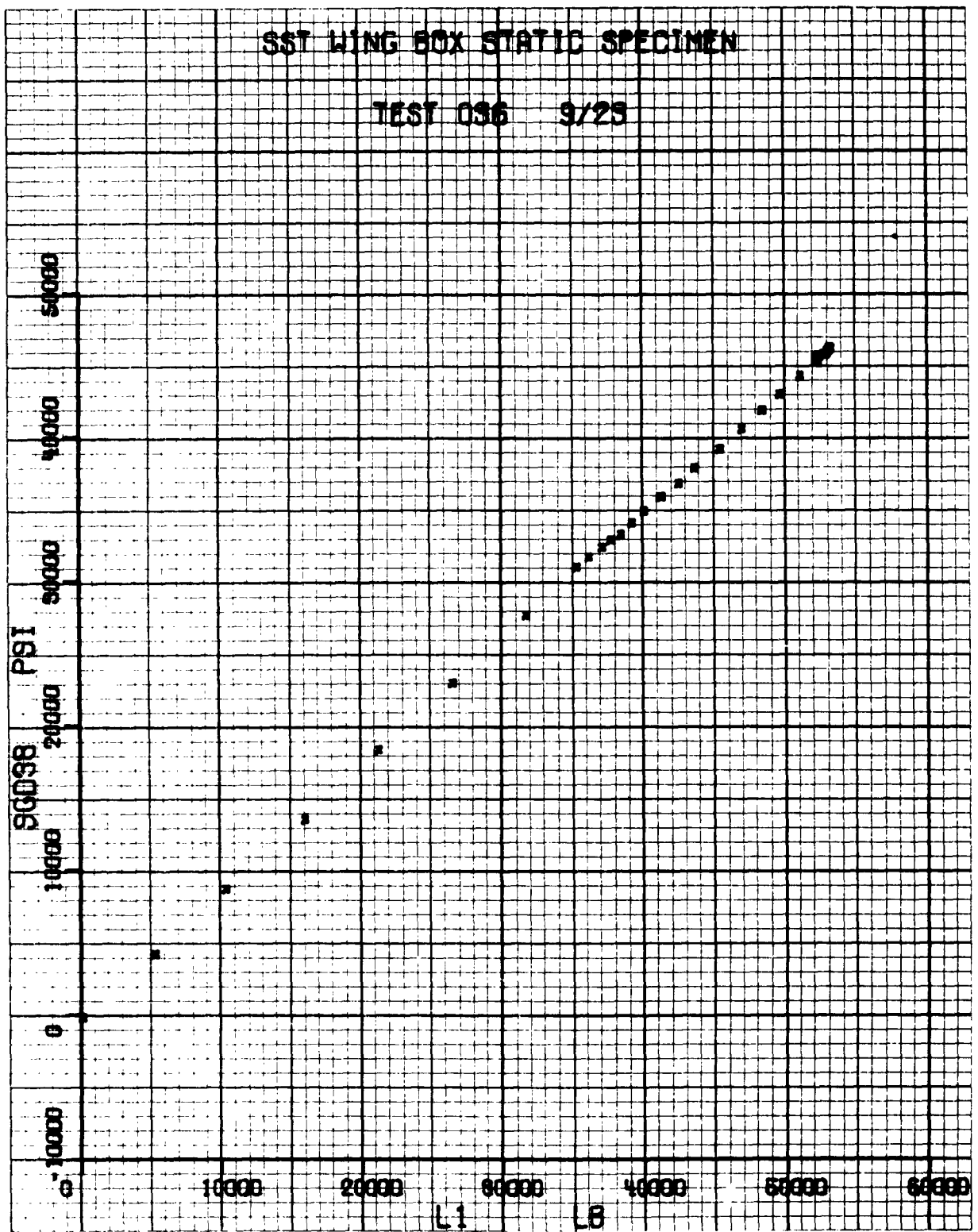




# SST WING BOX STATIC SPECIMEN

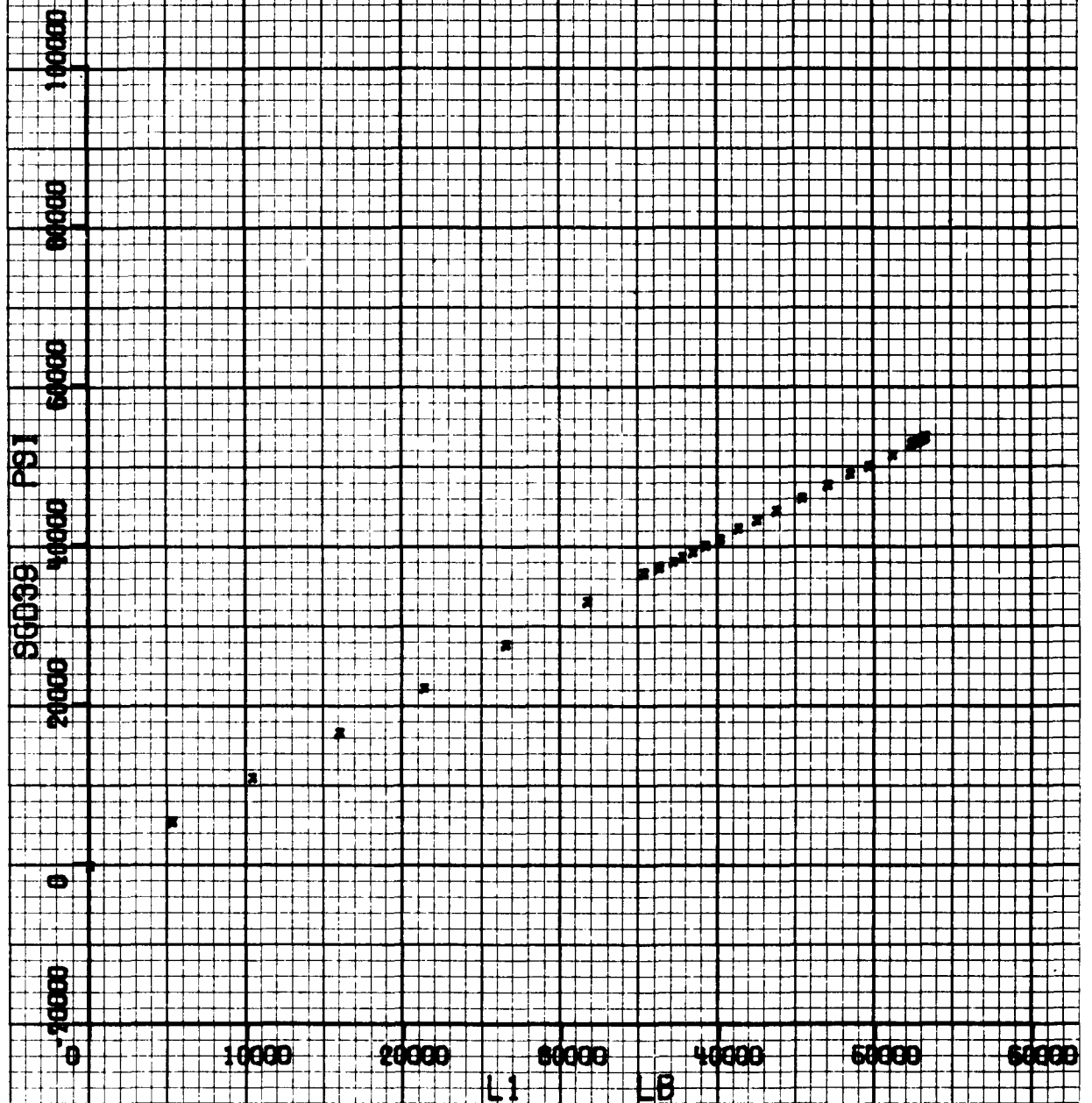
TEST 036 9/29

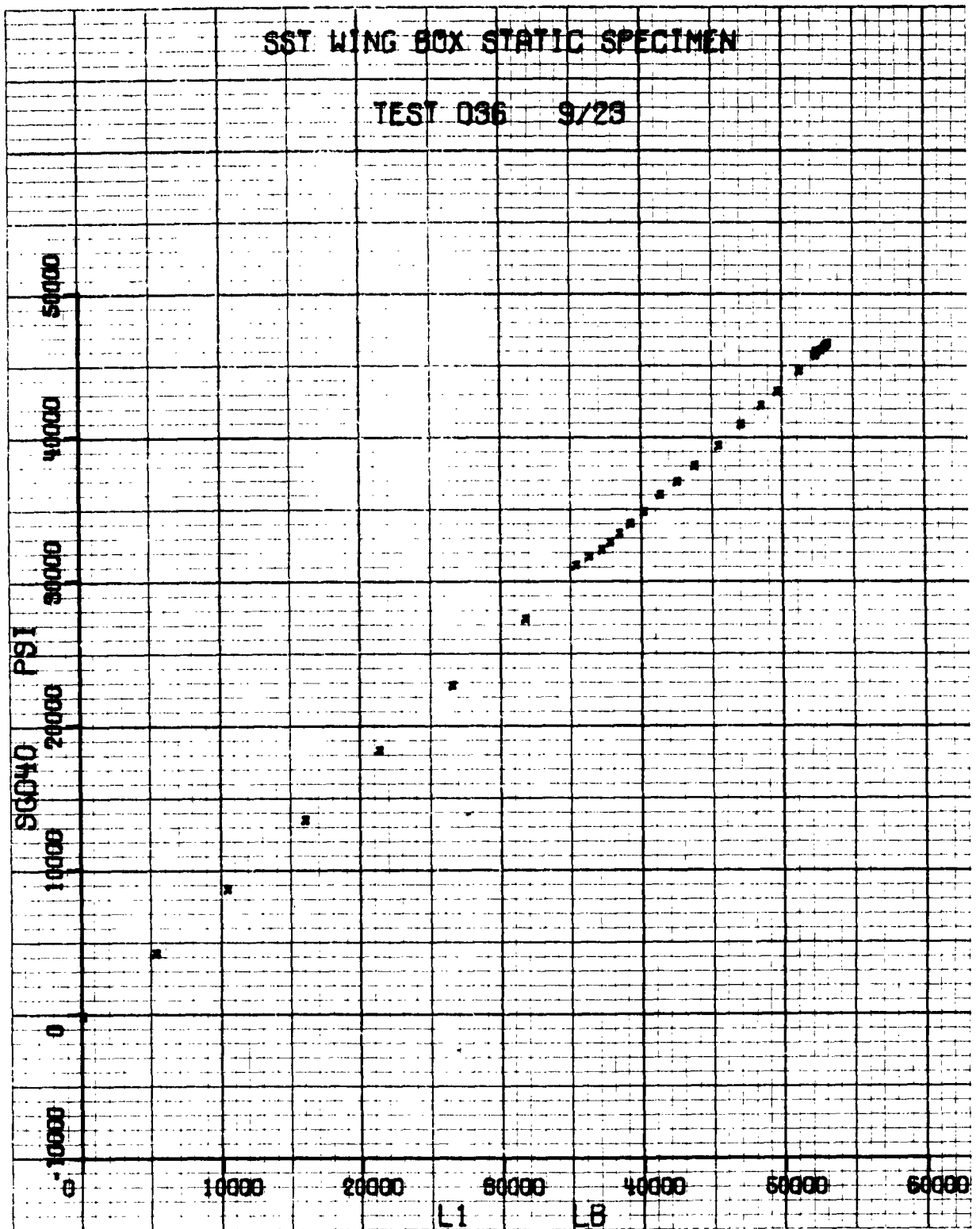




# SST WING BOX STATIC SPECIMEN

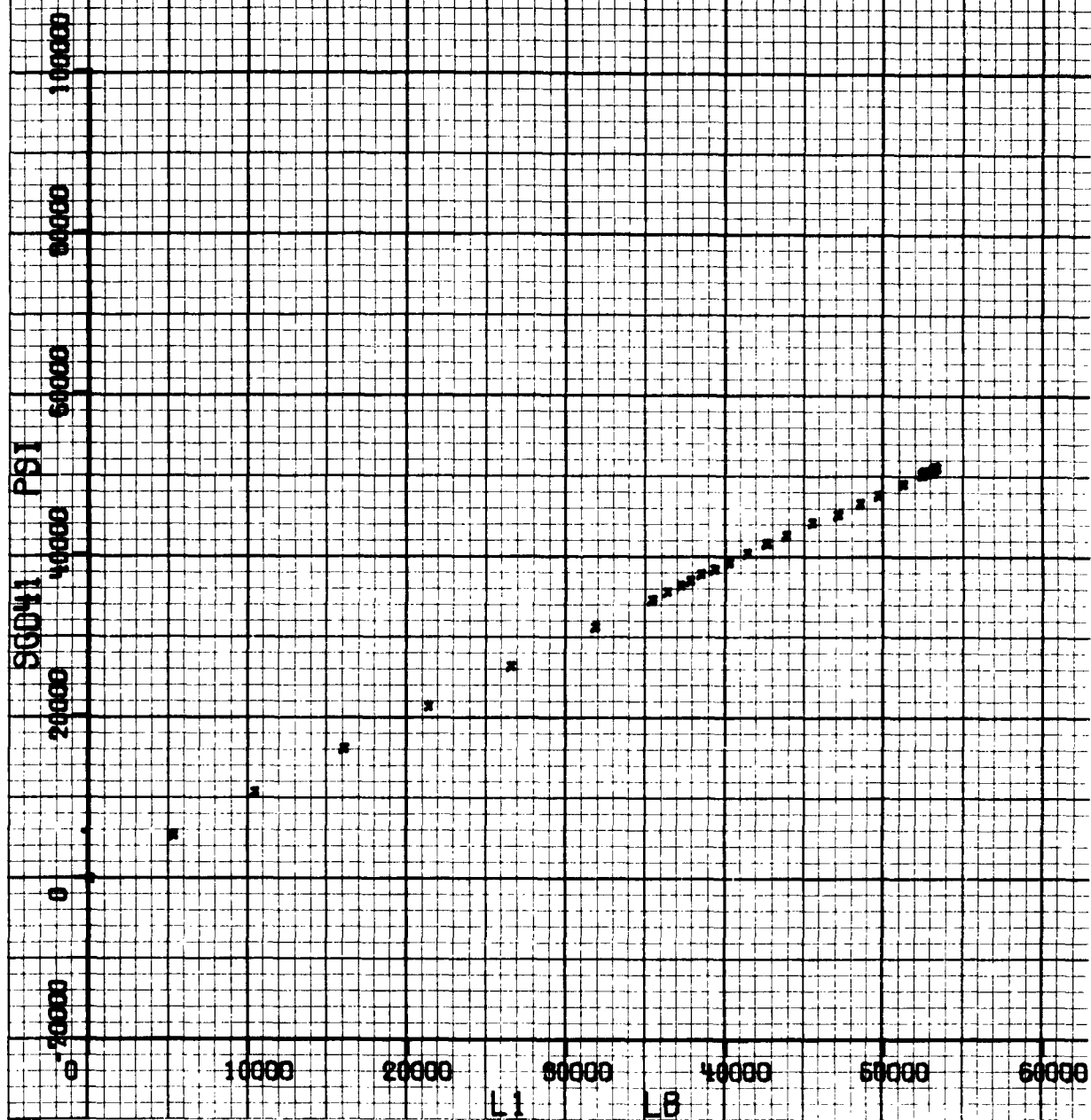
TEST 036 9/25





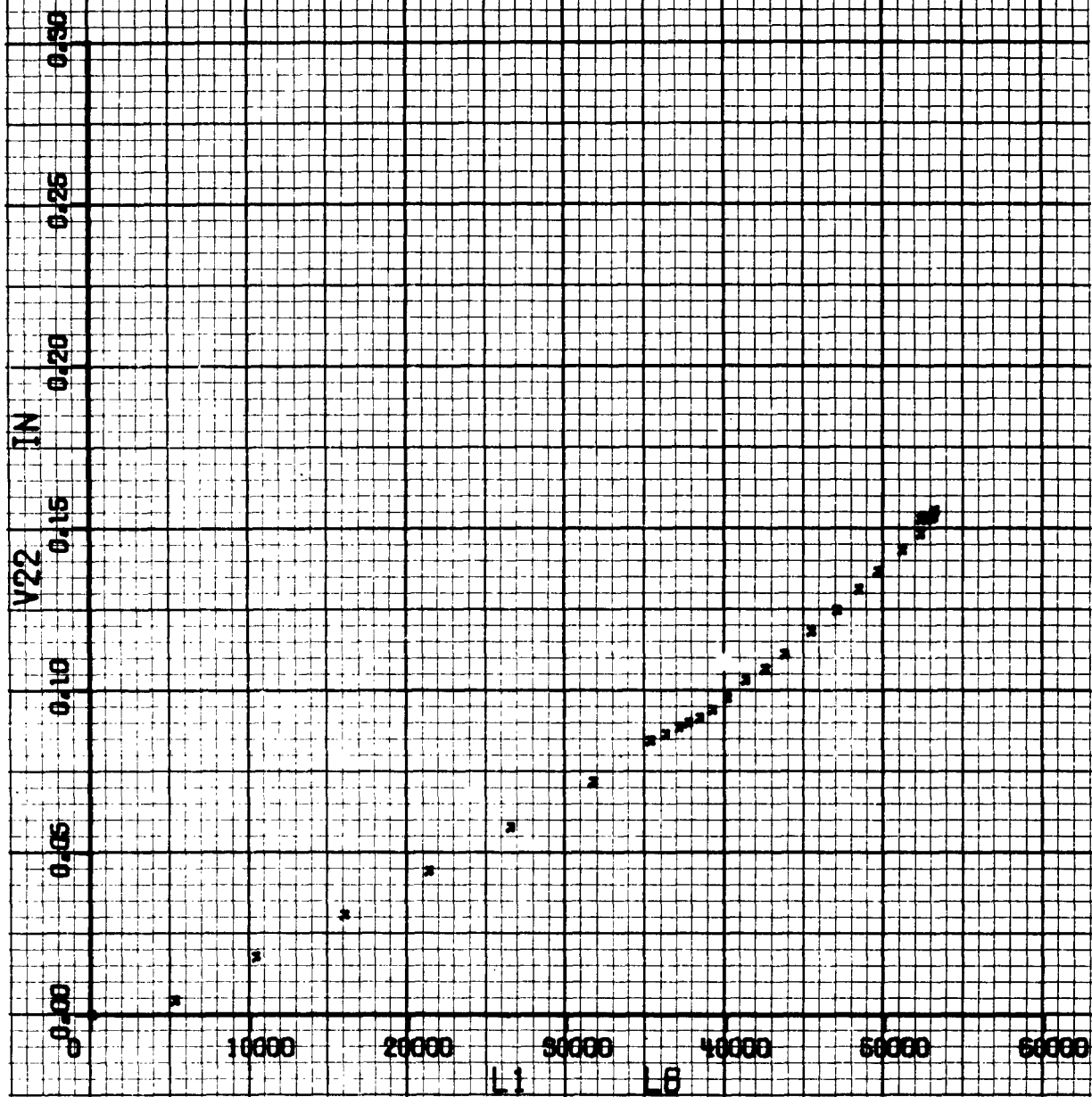
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

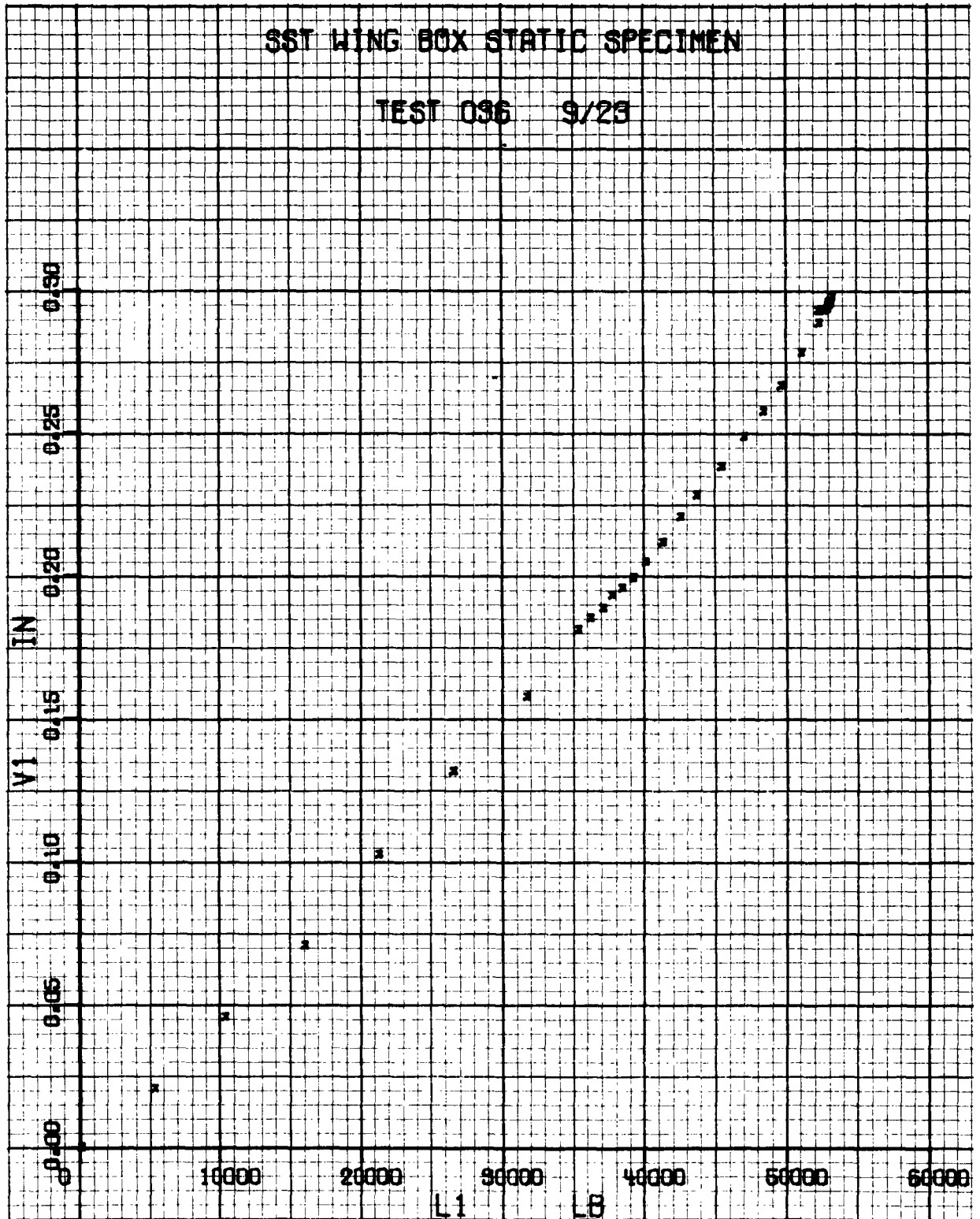
TEST 036 9/23





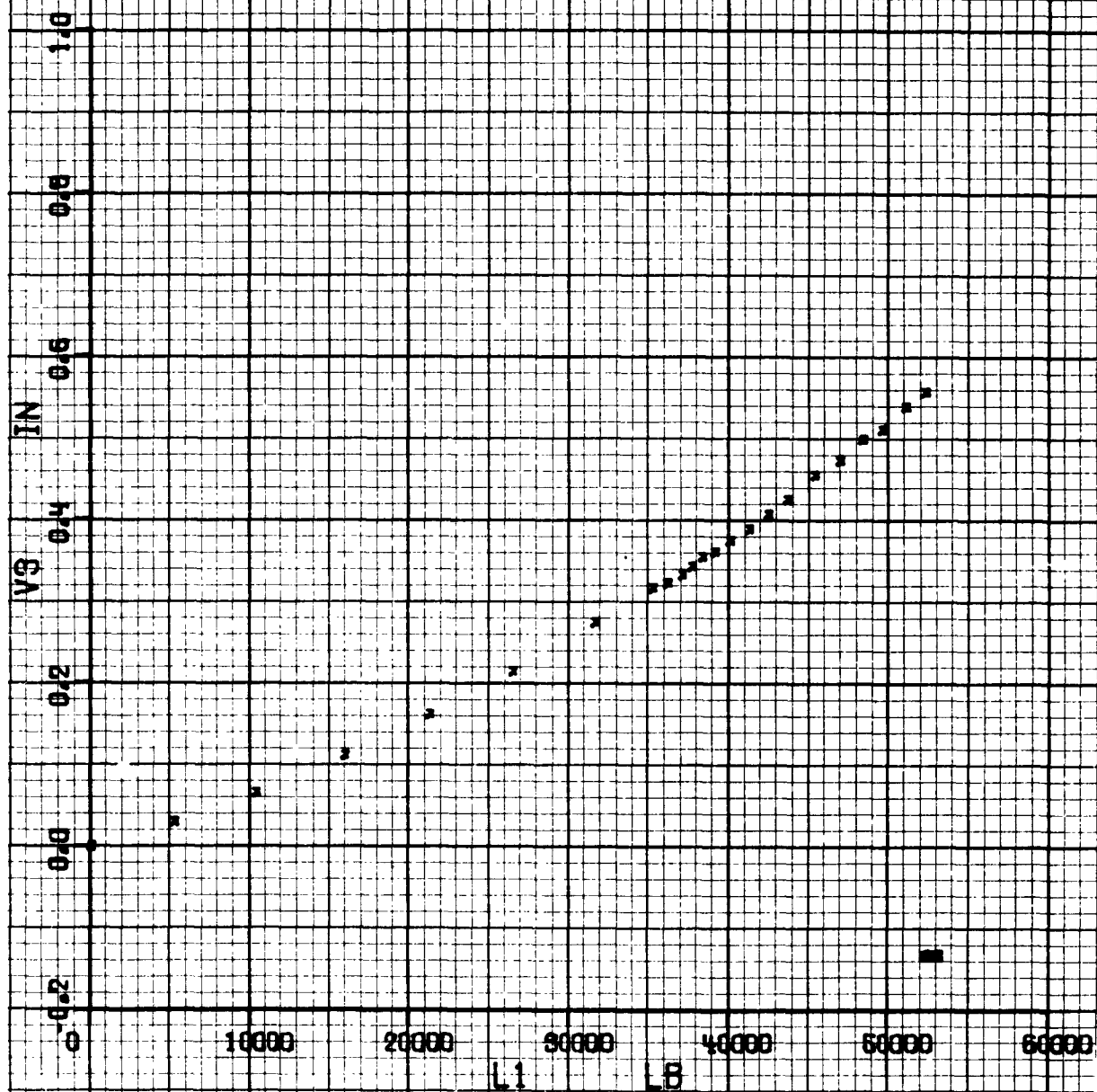
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



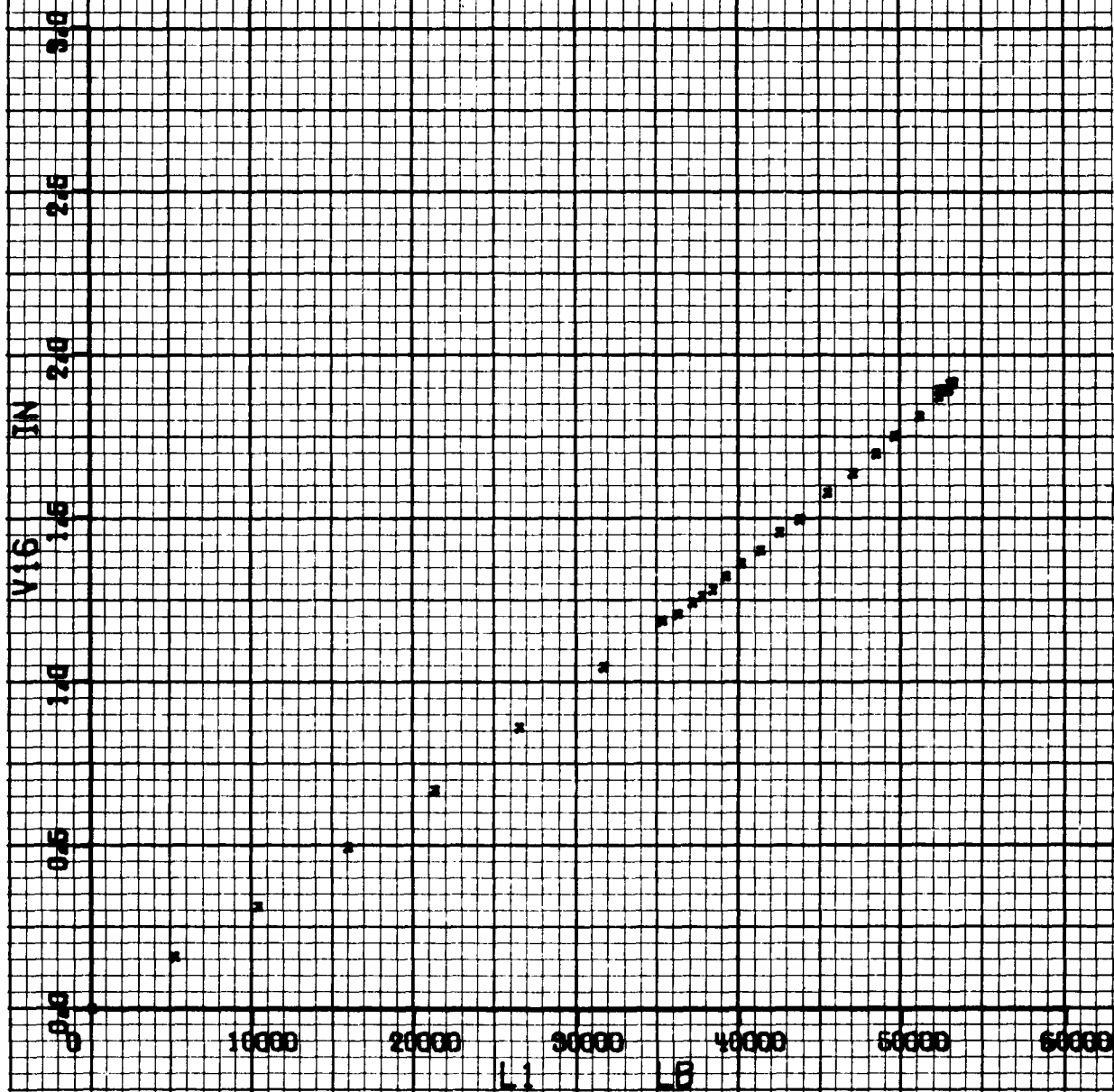
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



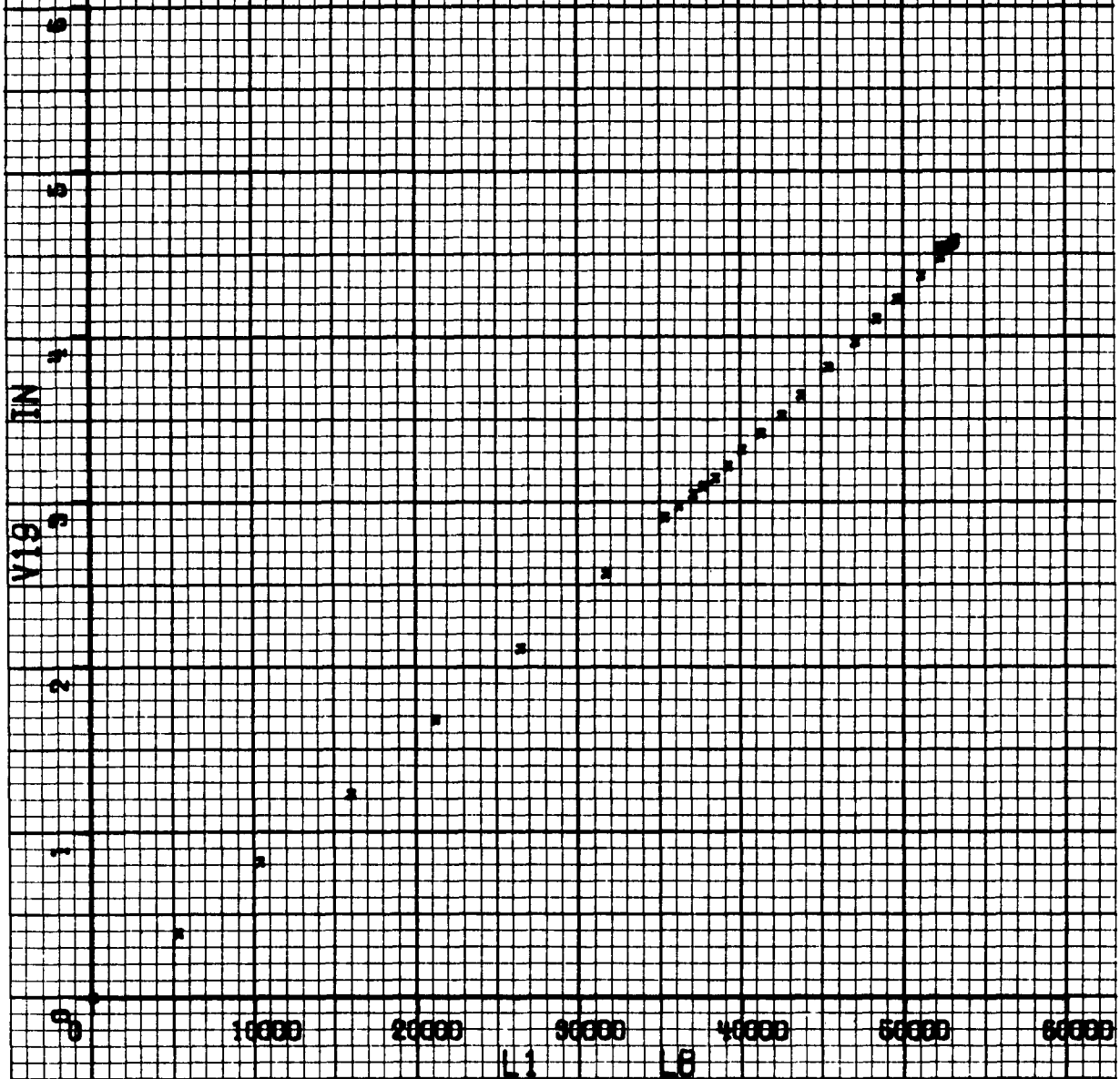
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



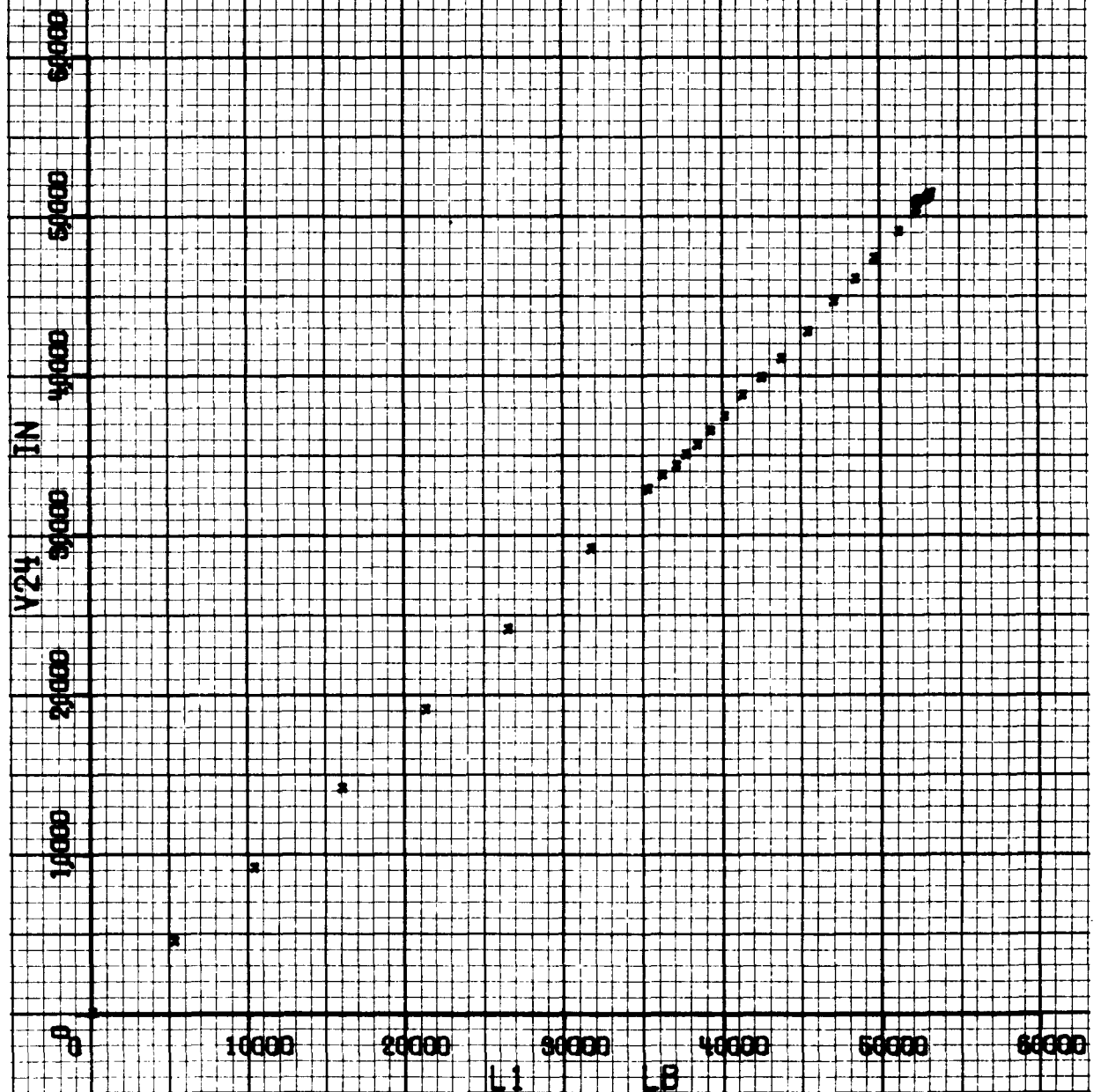
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



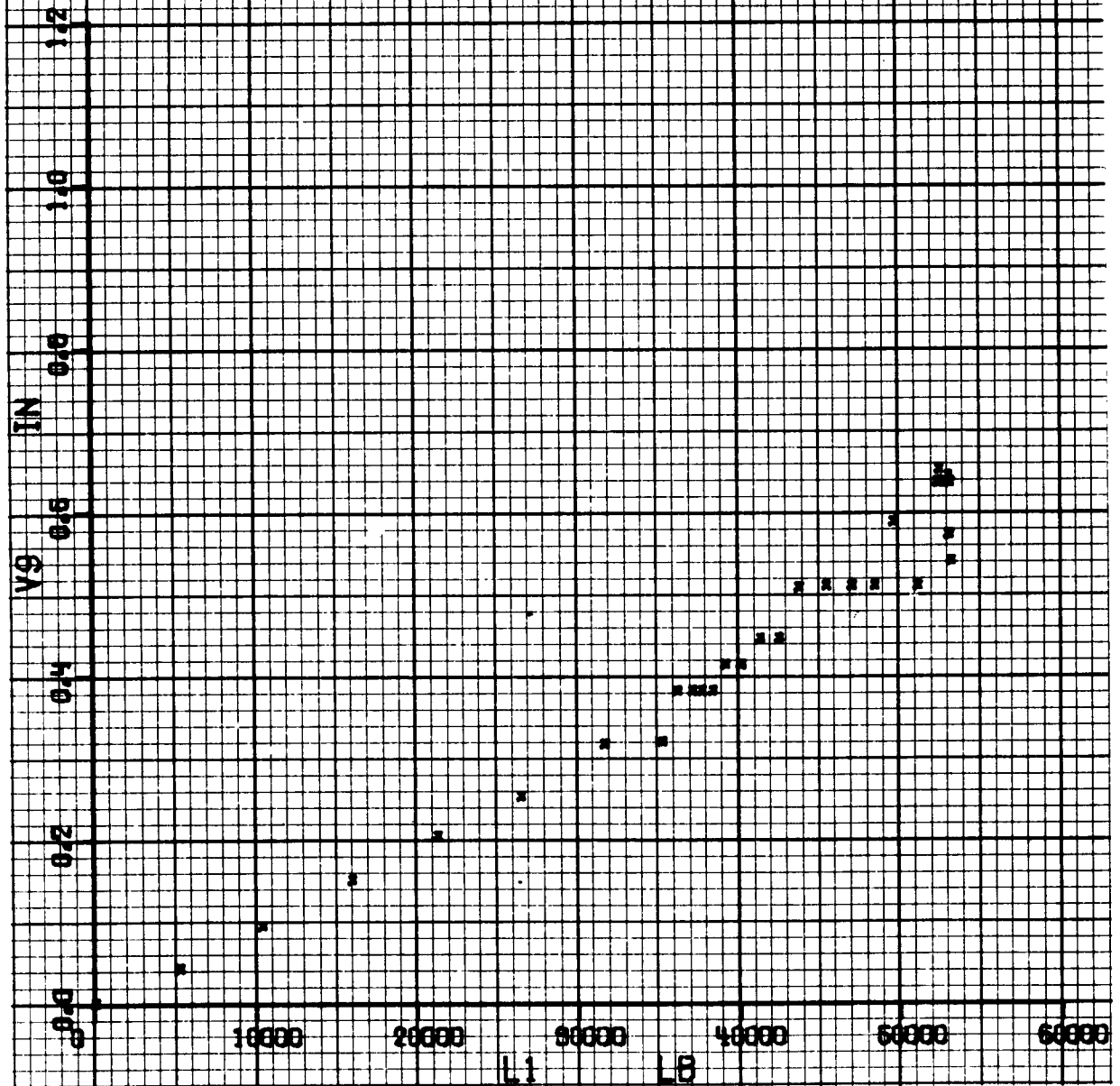
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



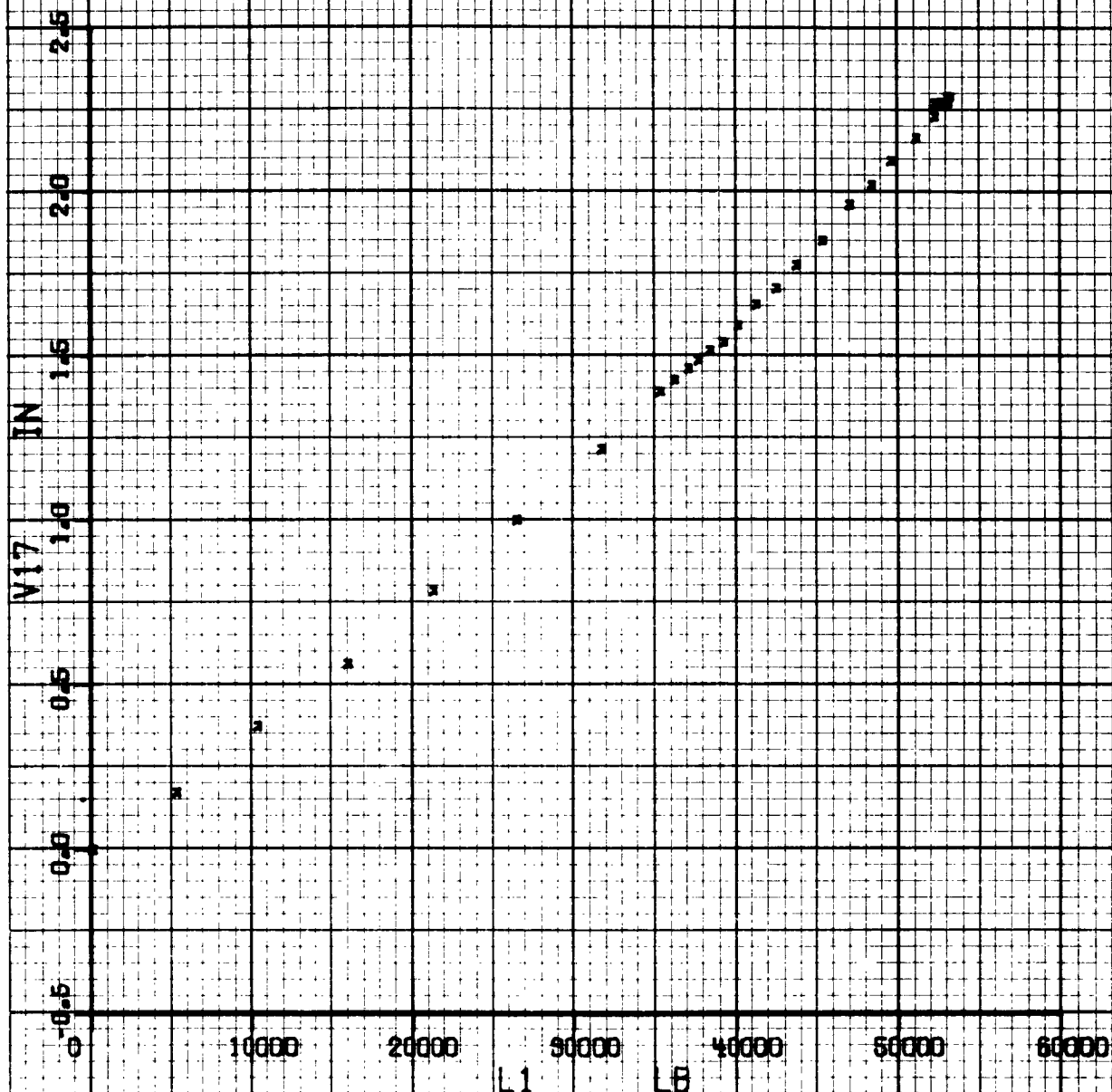
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



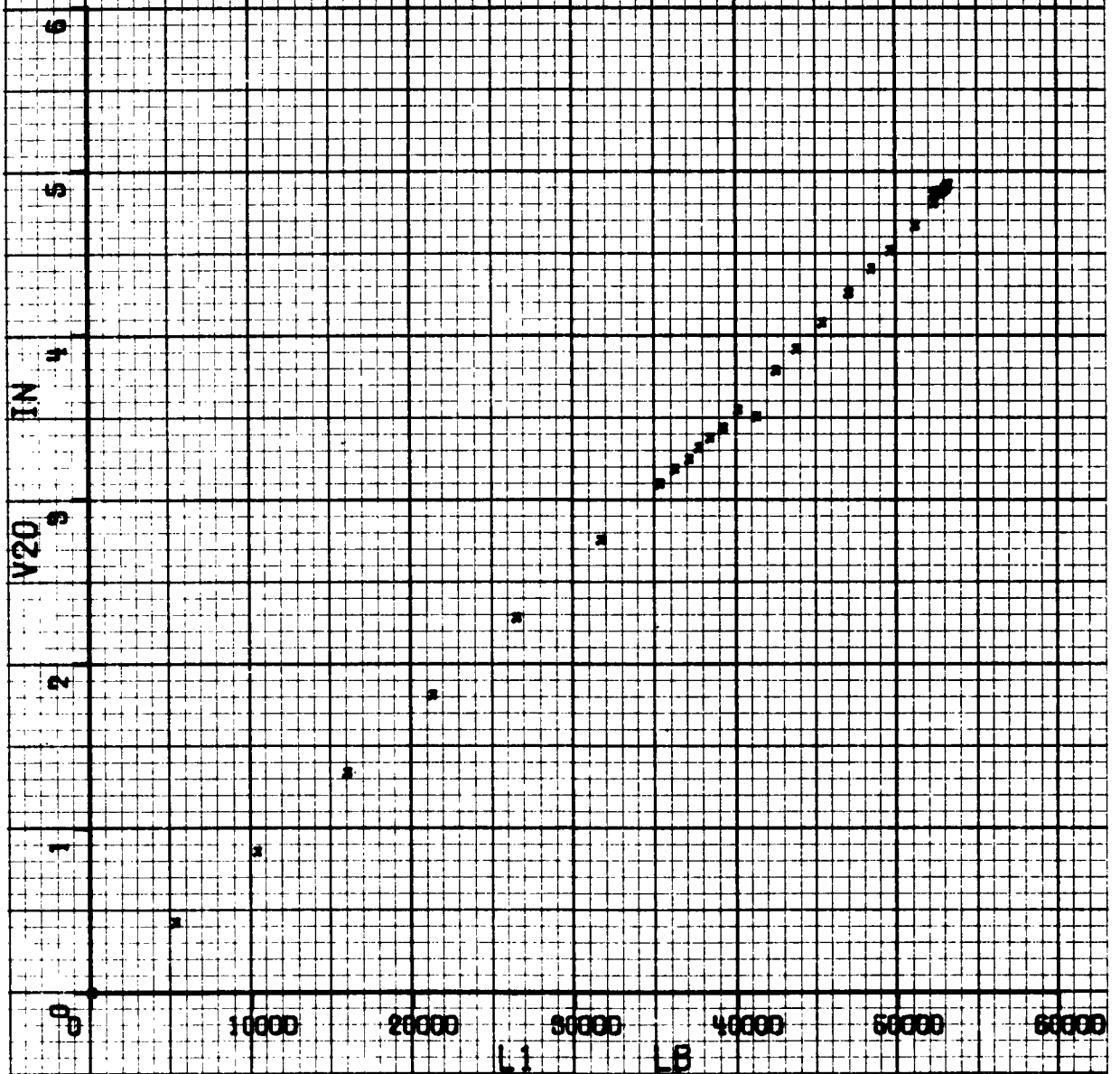
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

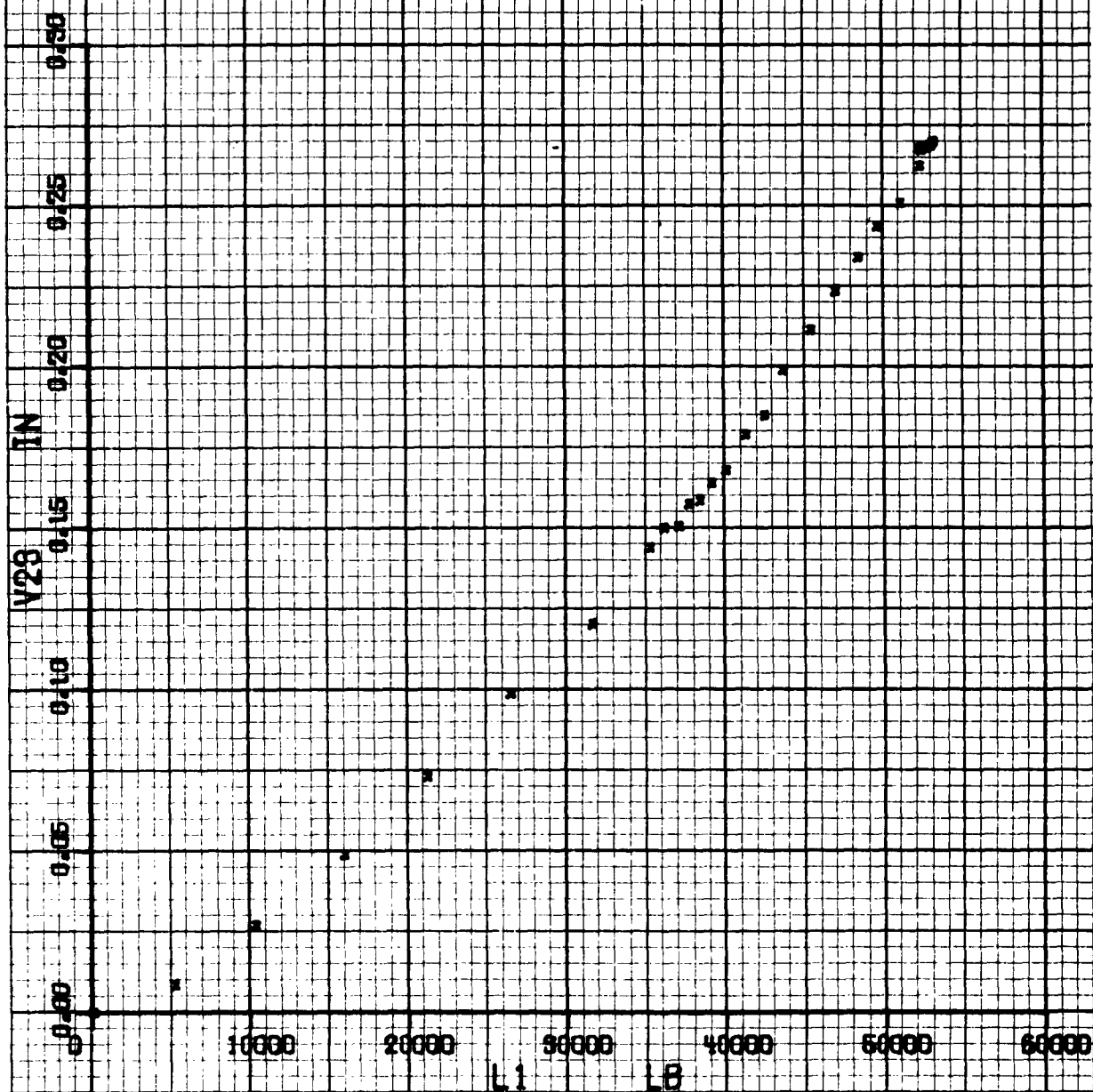
TEST 036 9/23





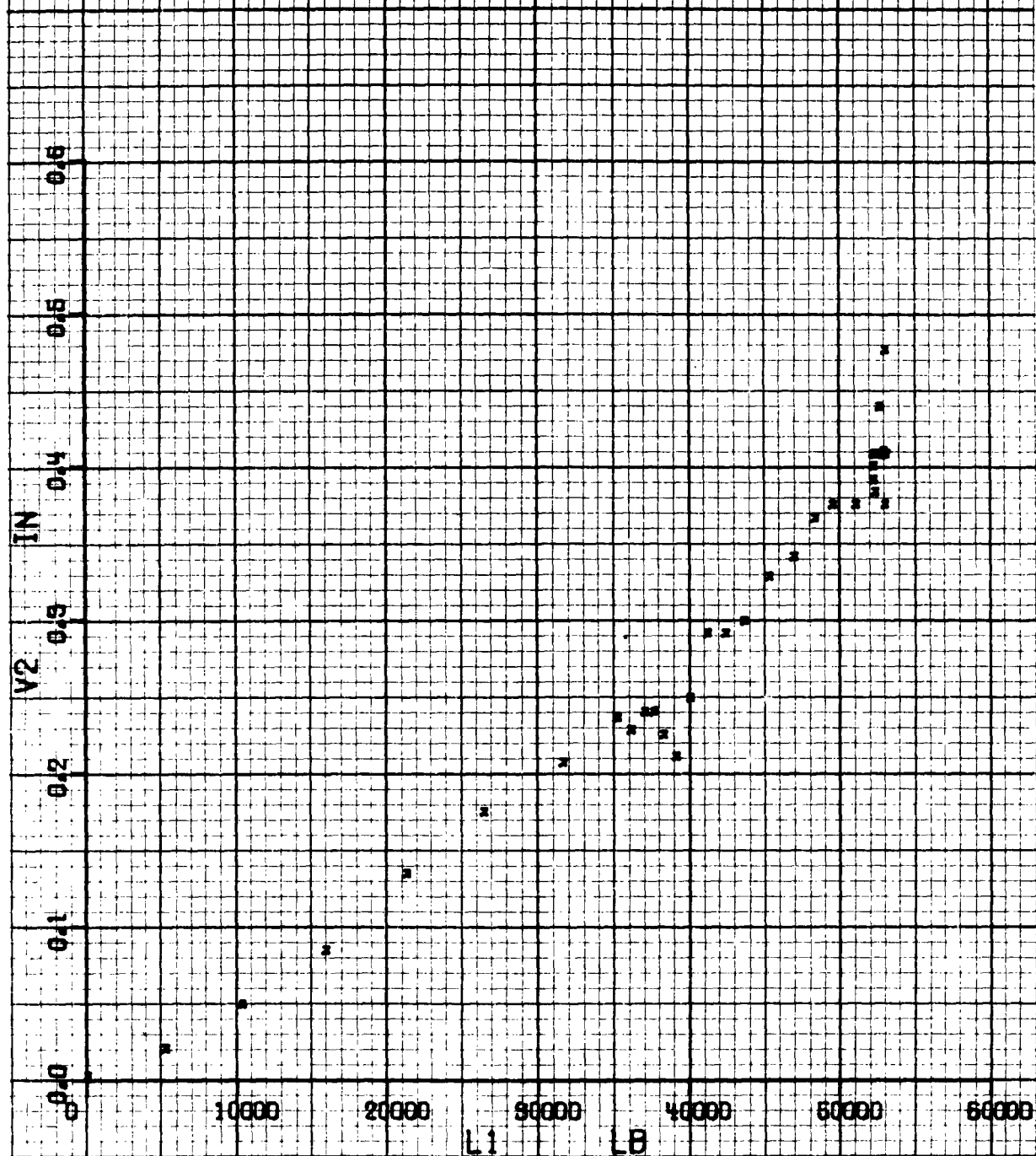
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



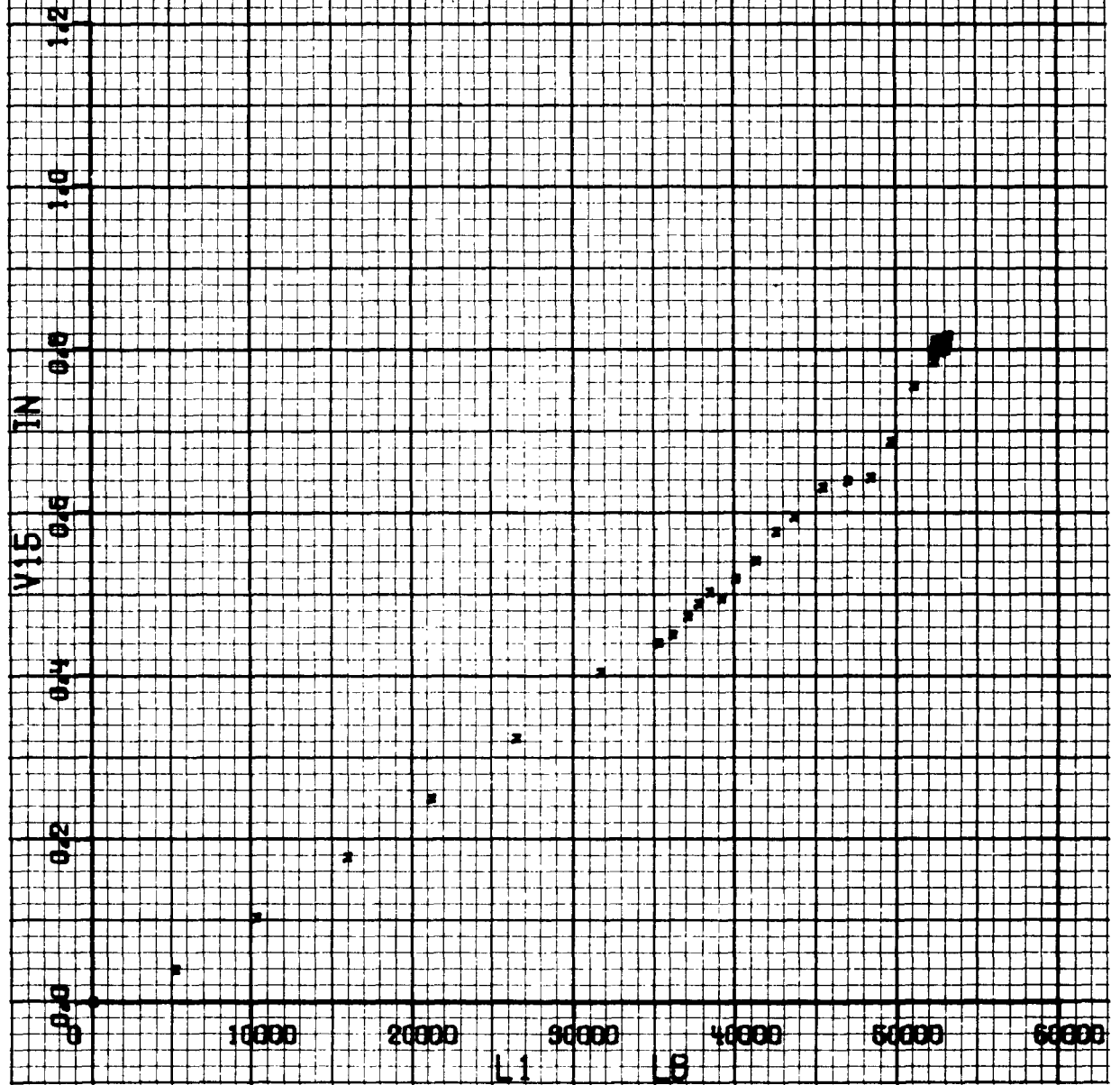
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



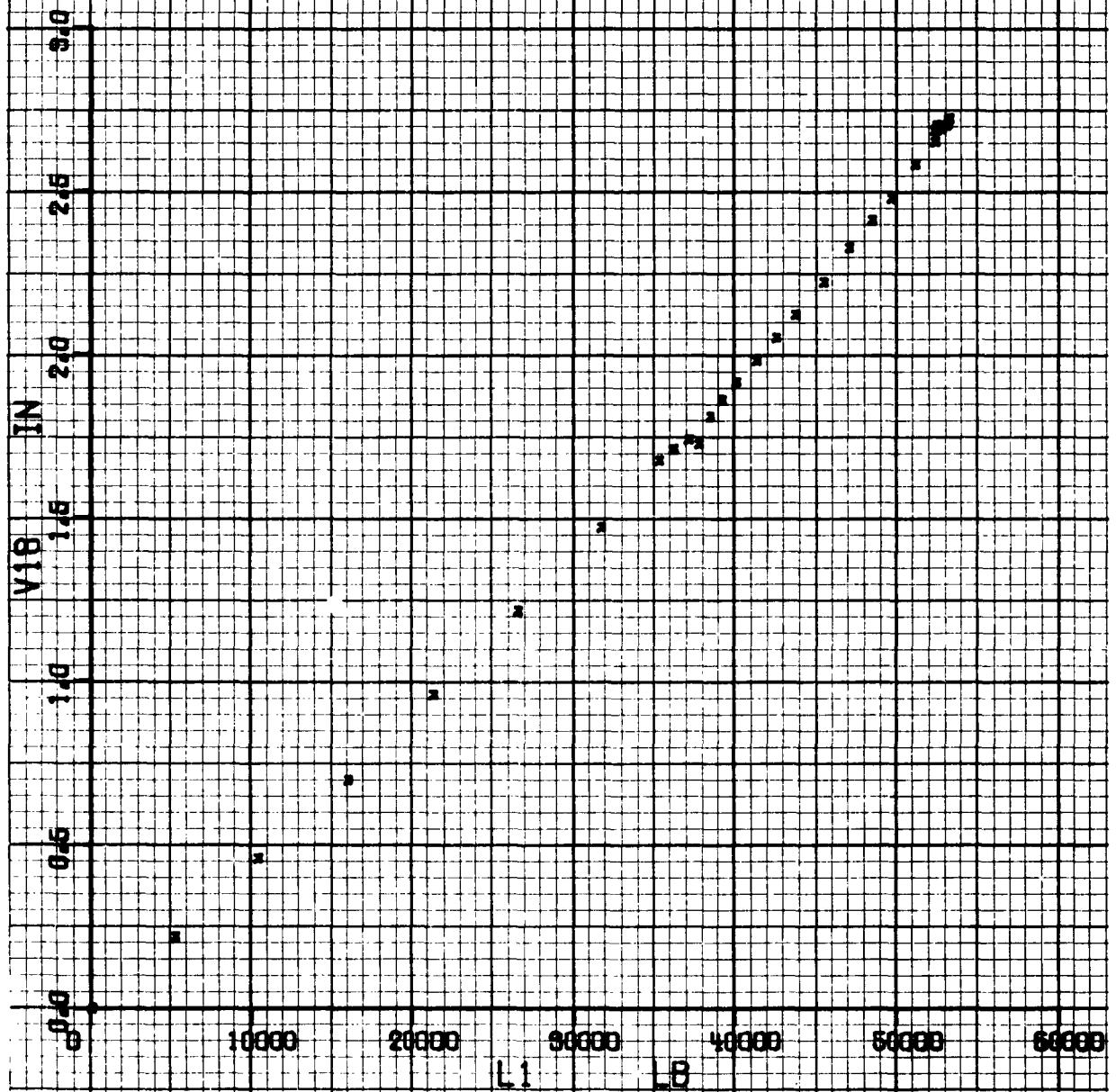
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



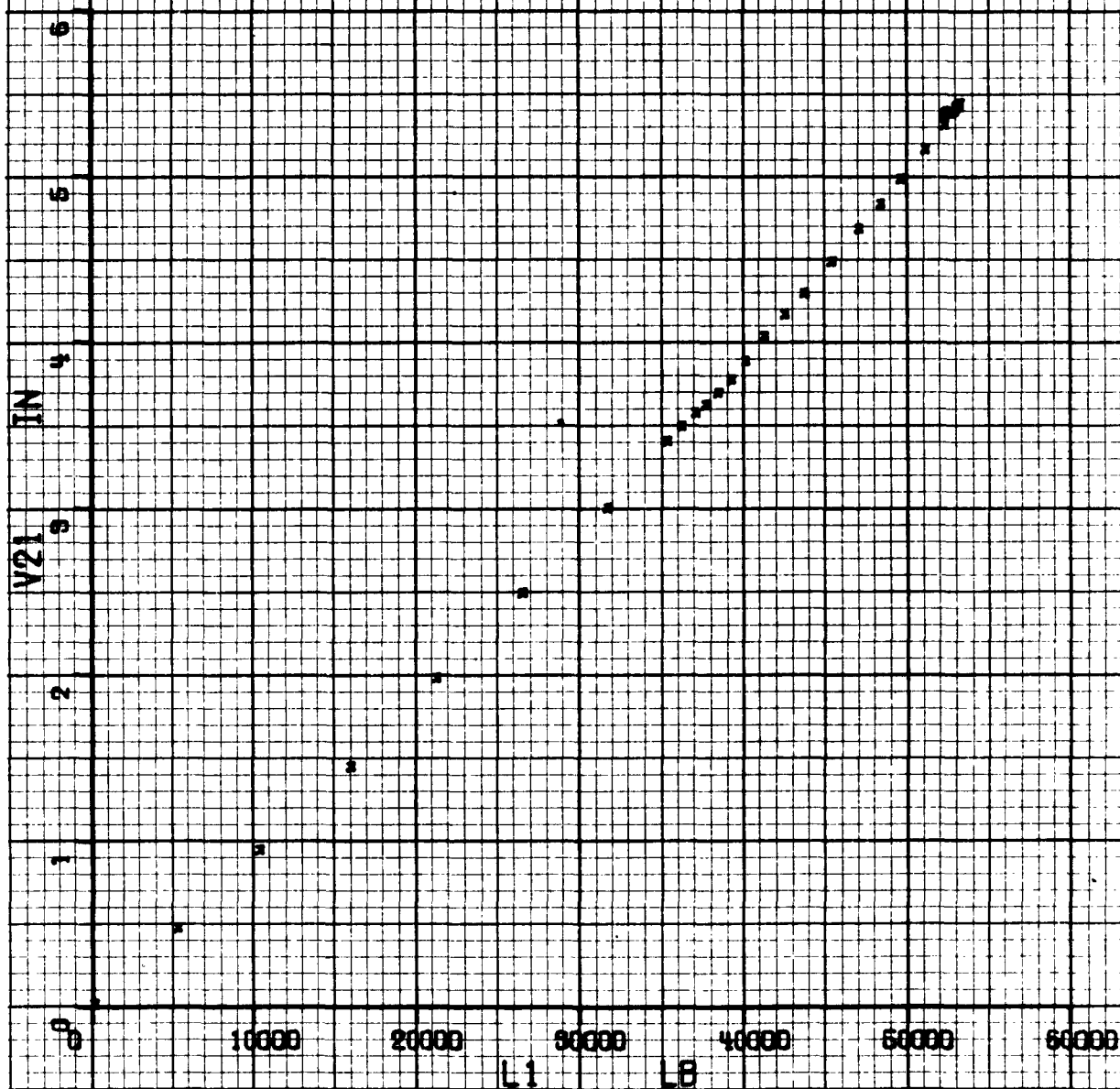
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



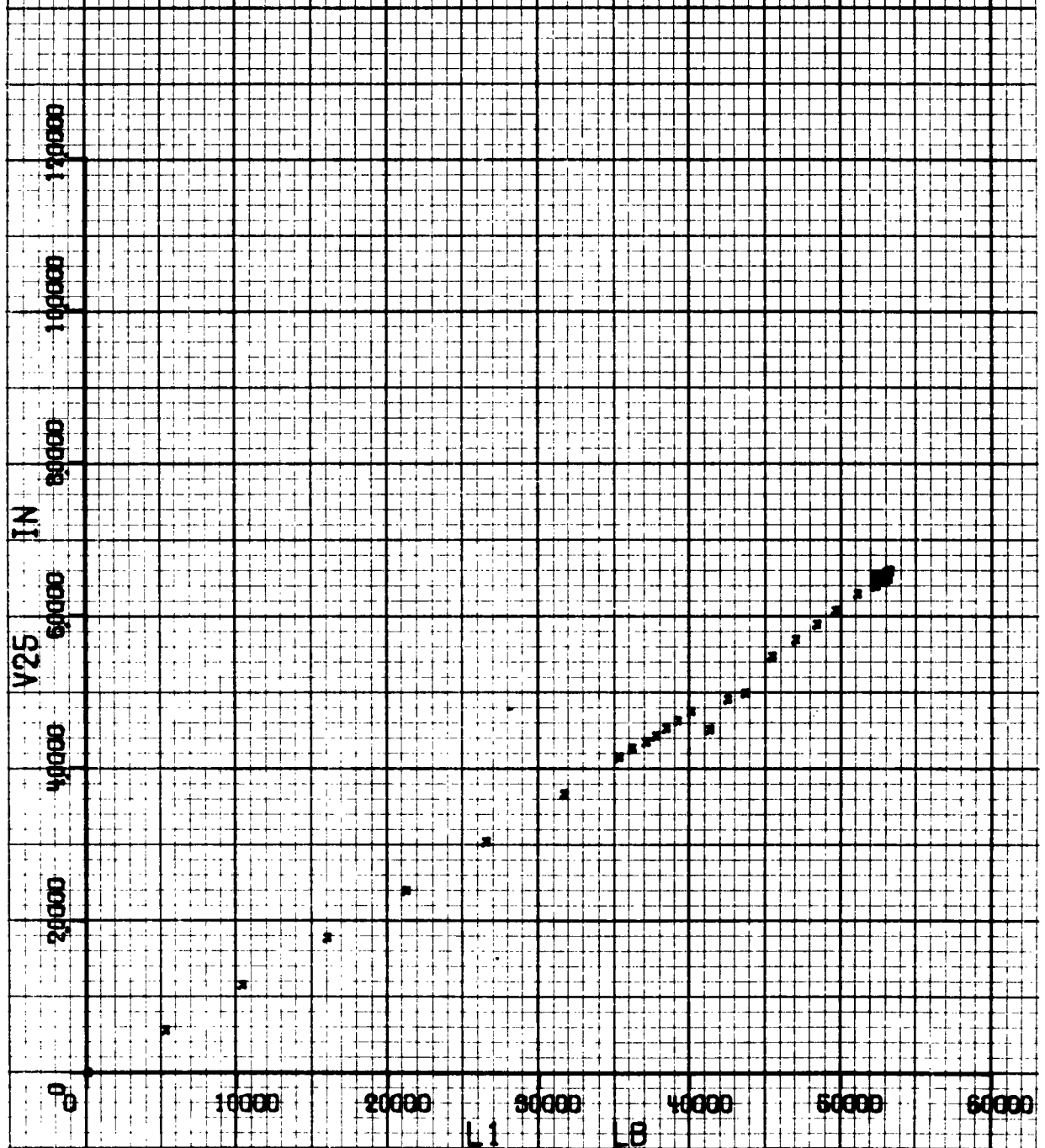
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



TEST No. 36

Jack Location W.S. 189 ; F.S. 60

Jack Load, lb 53,000 - 61,000

Percent of Limit 150 - 174

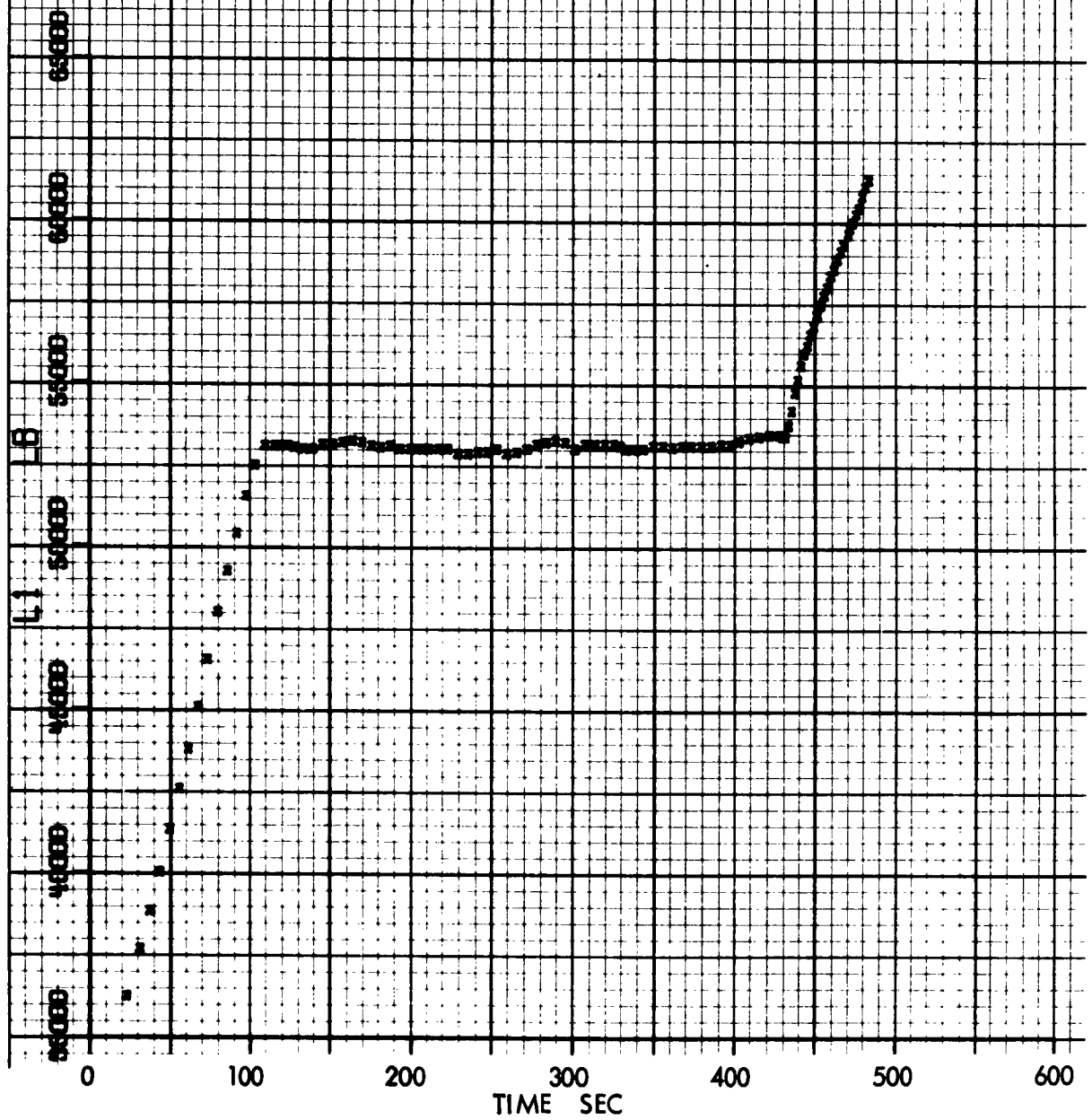
Fuel Condition Tanks EMPTY

Tank Pressure, psi 0

Maximum Surface Temperature, °F 650

# SST WING BOX STATIC SPECIMEN

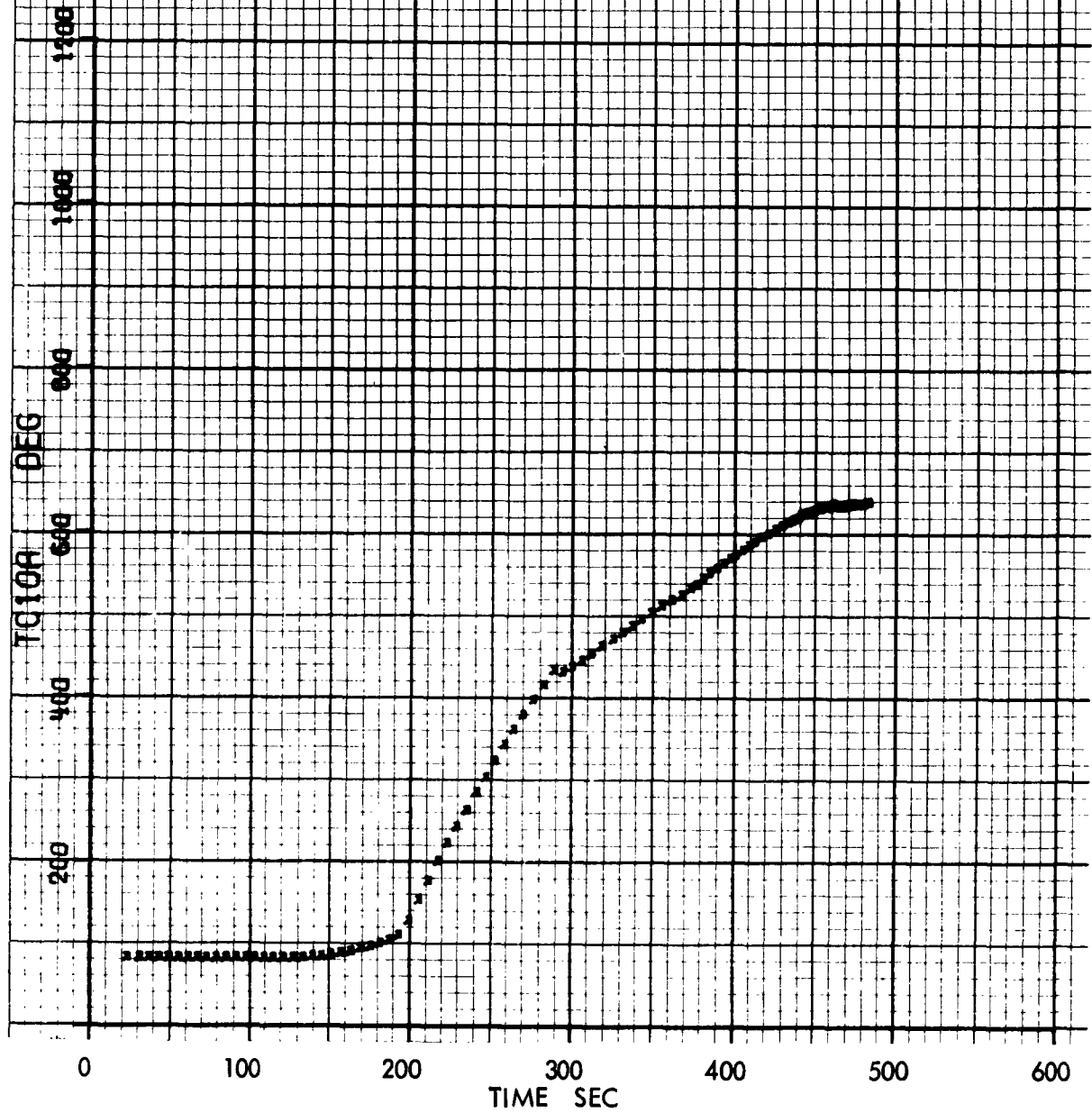
TEST 036 9/23





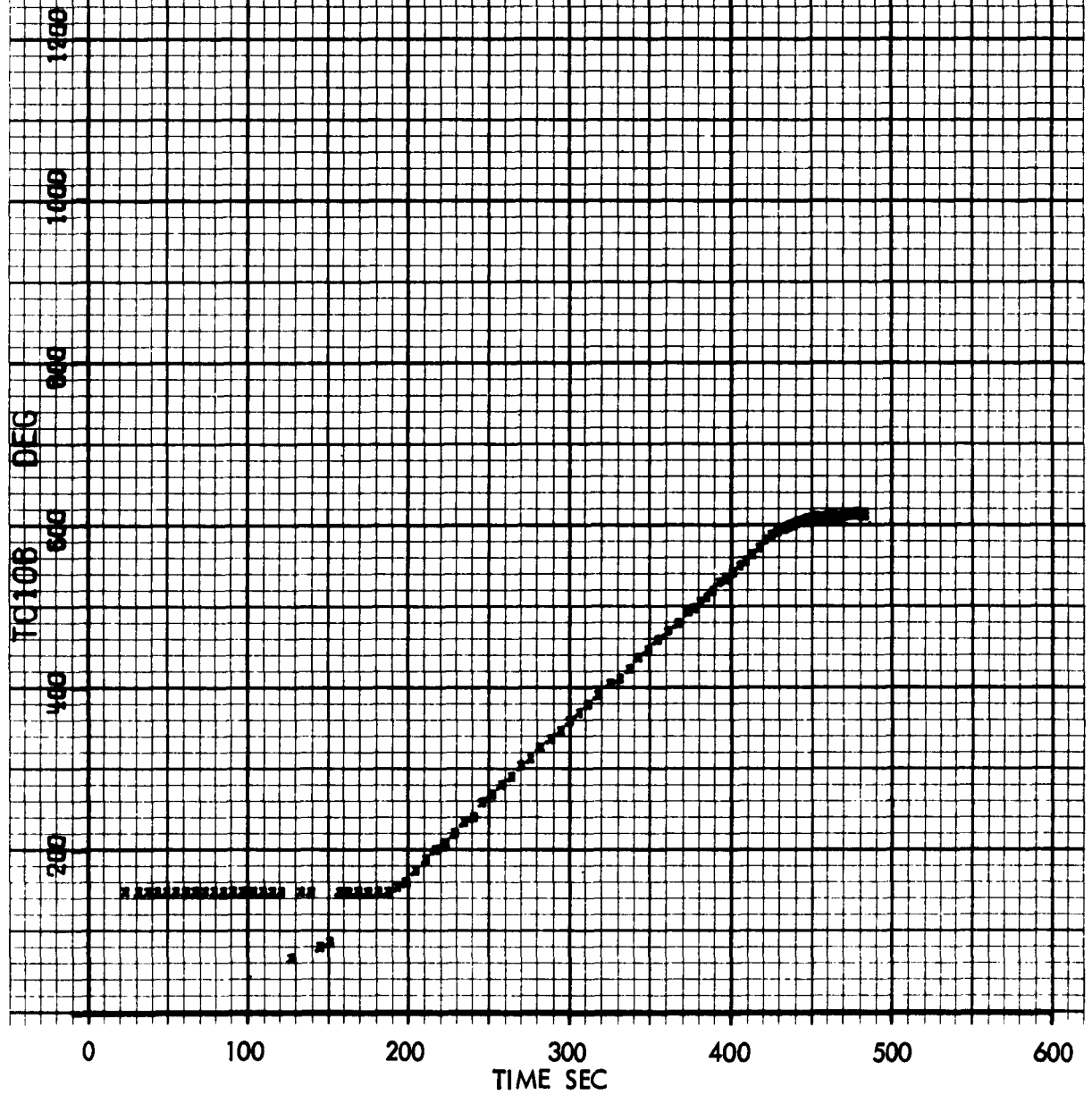
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



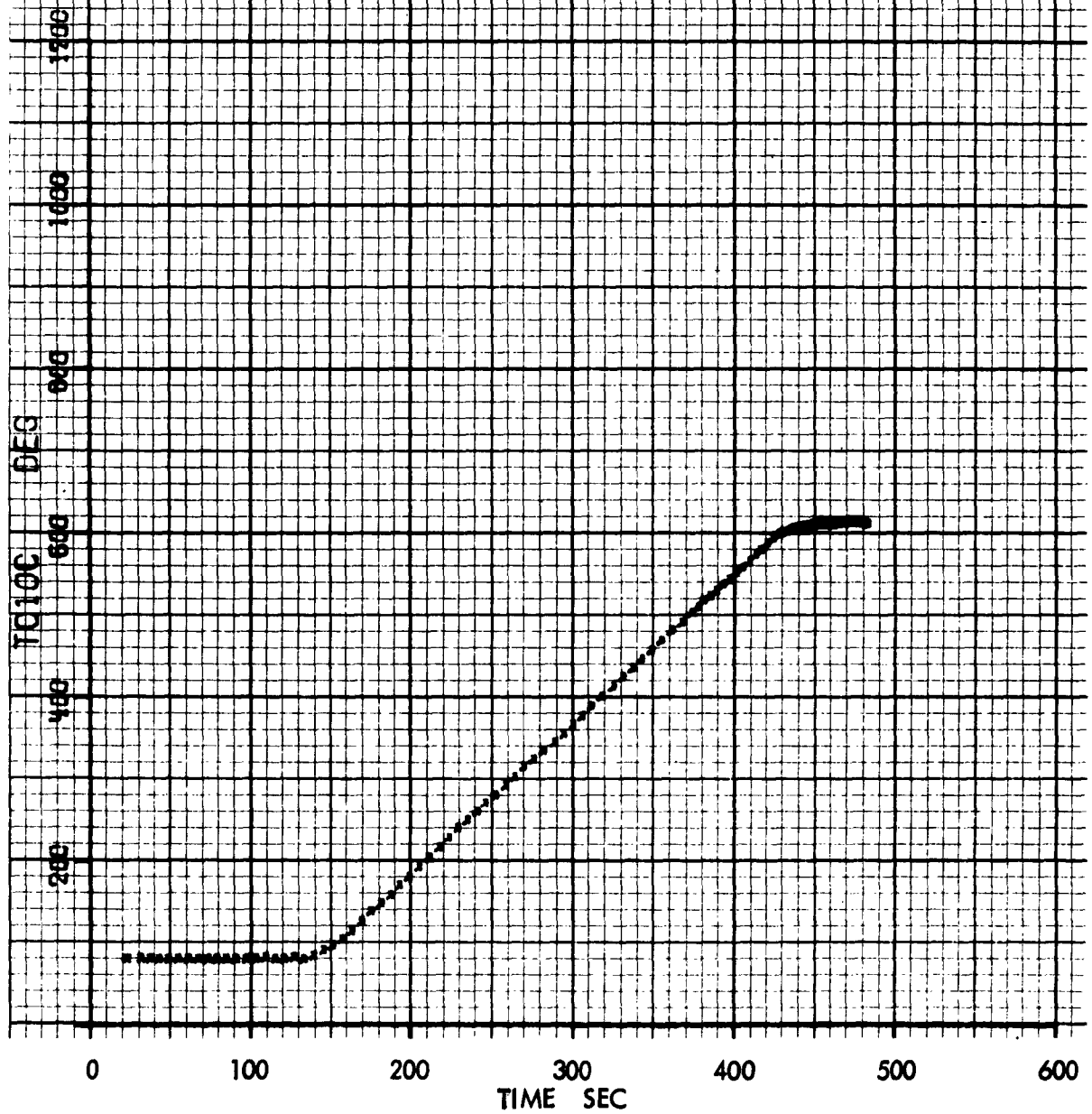
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



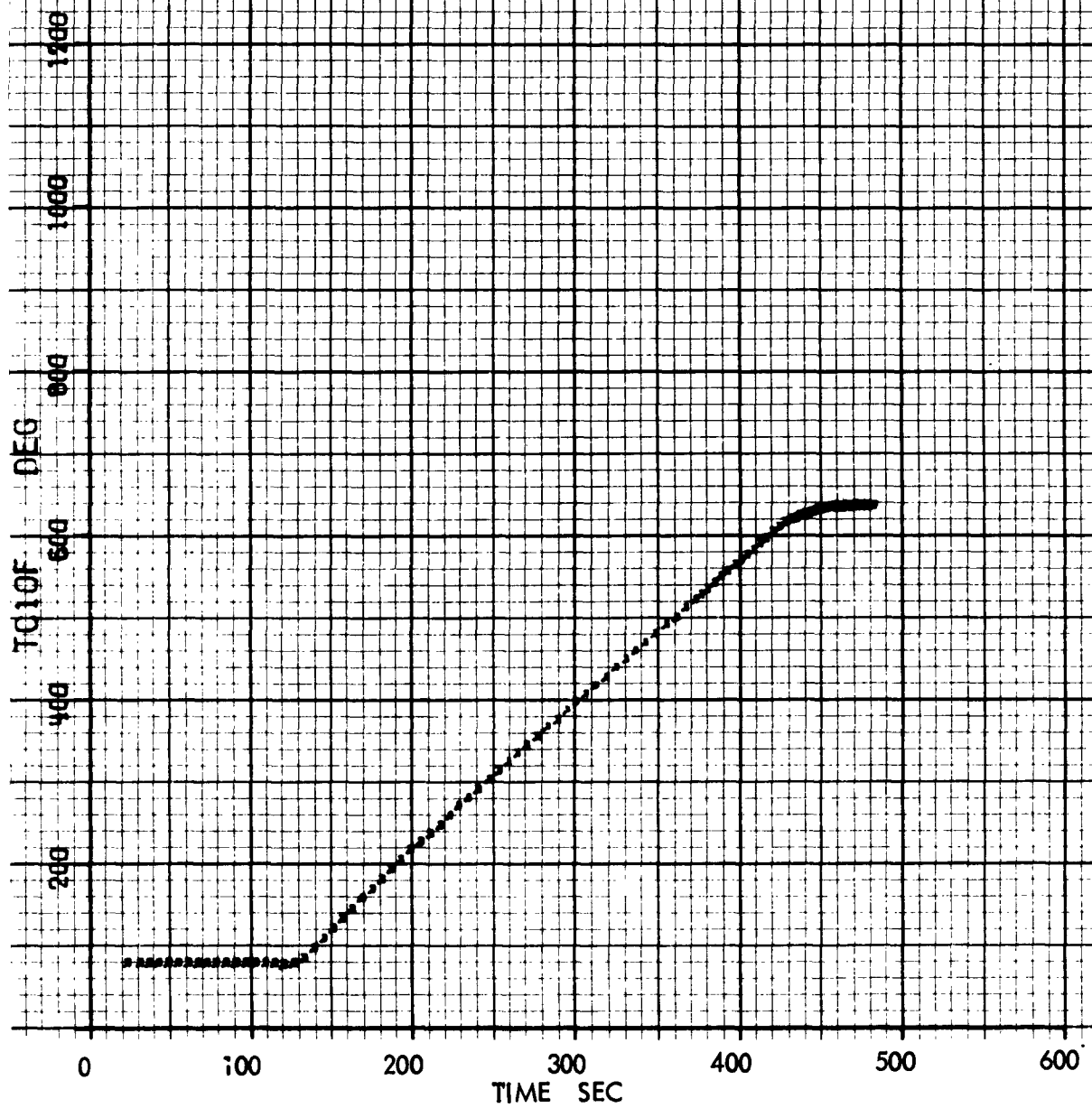
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



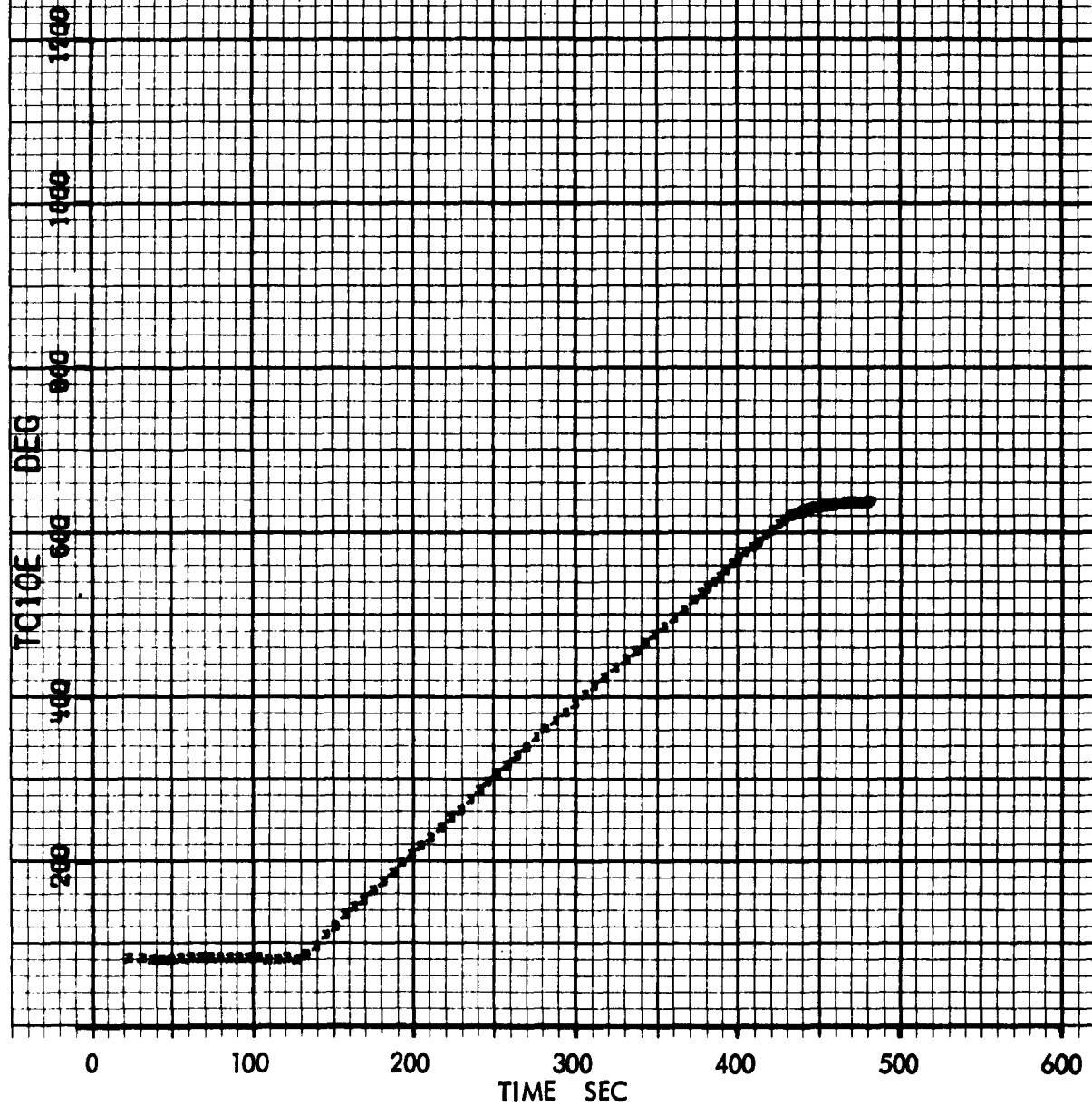
# SST WING BOX STATIC SPECIMEN

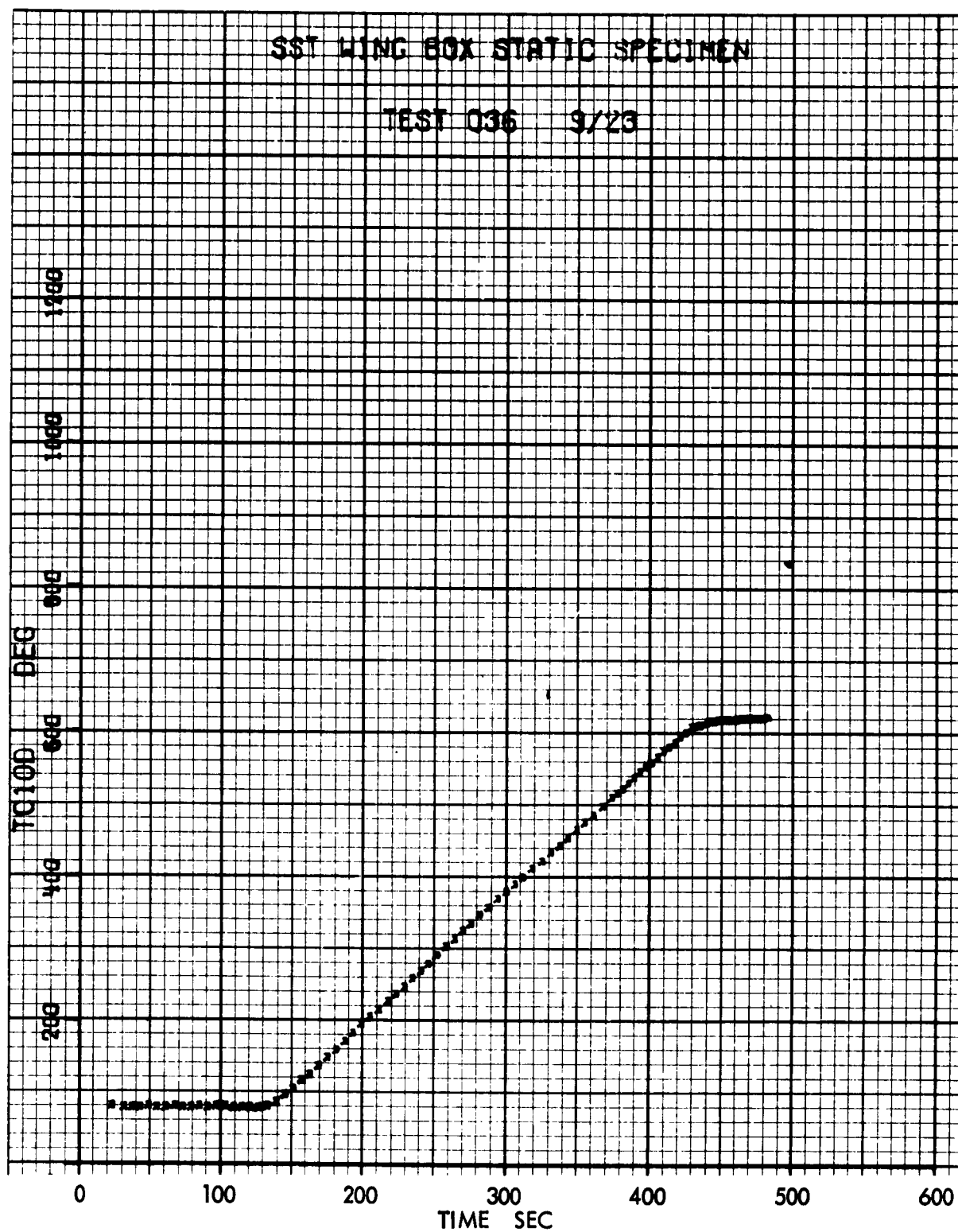
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

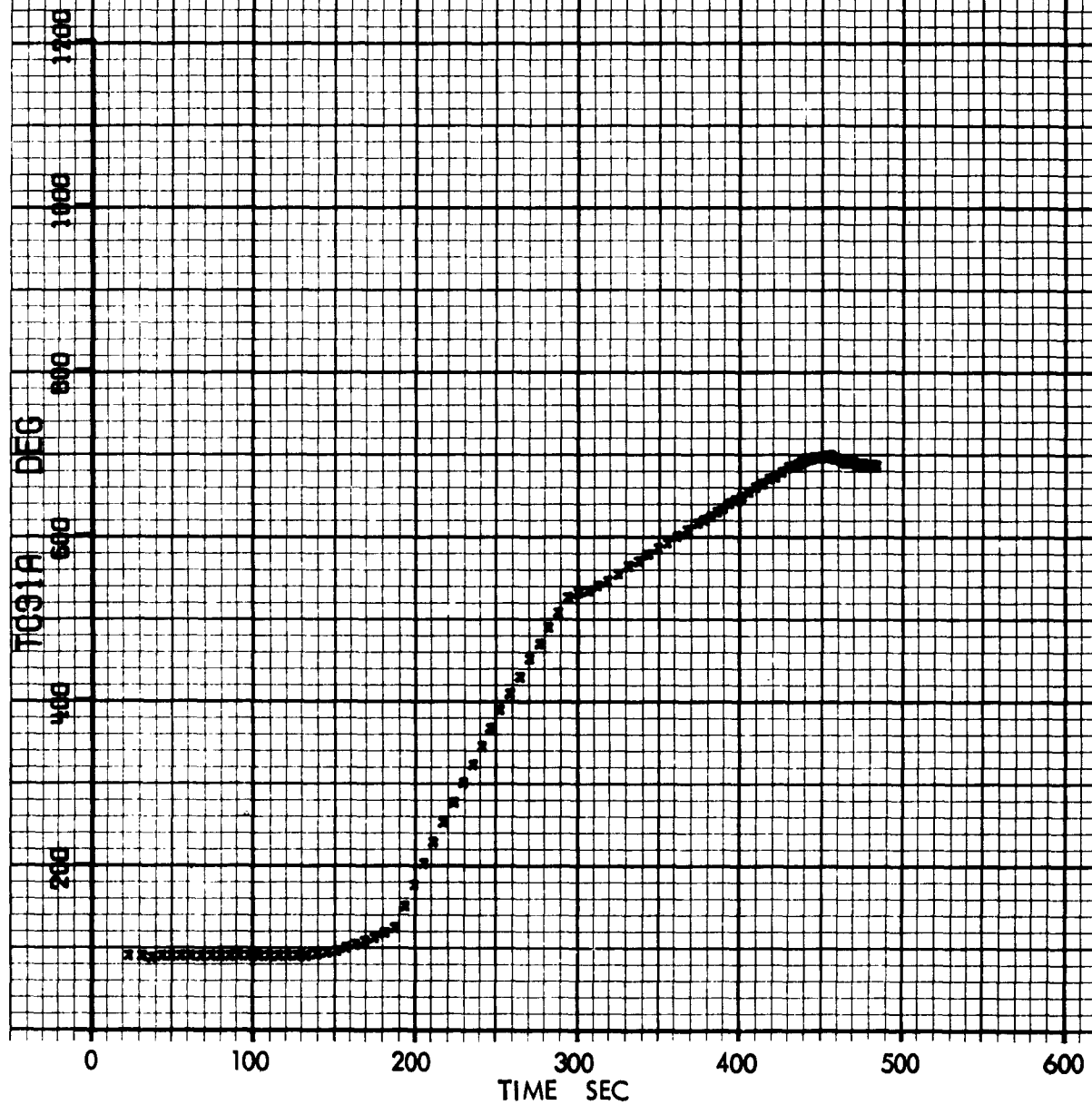
TEST 036 9/23





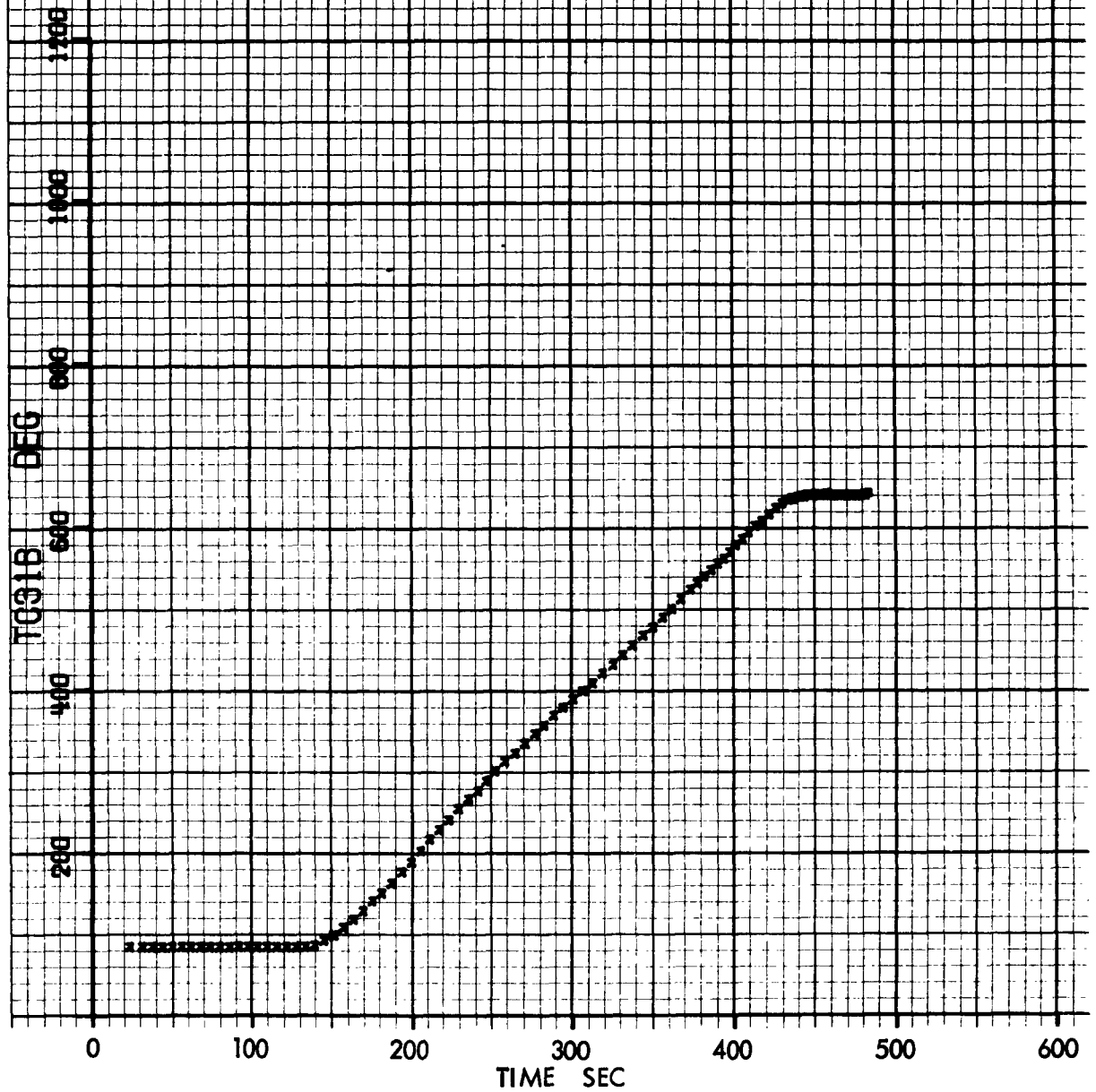
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29

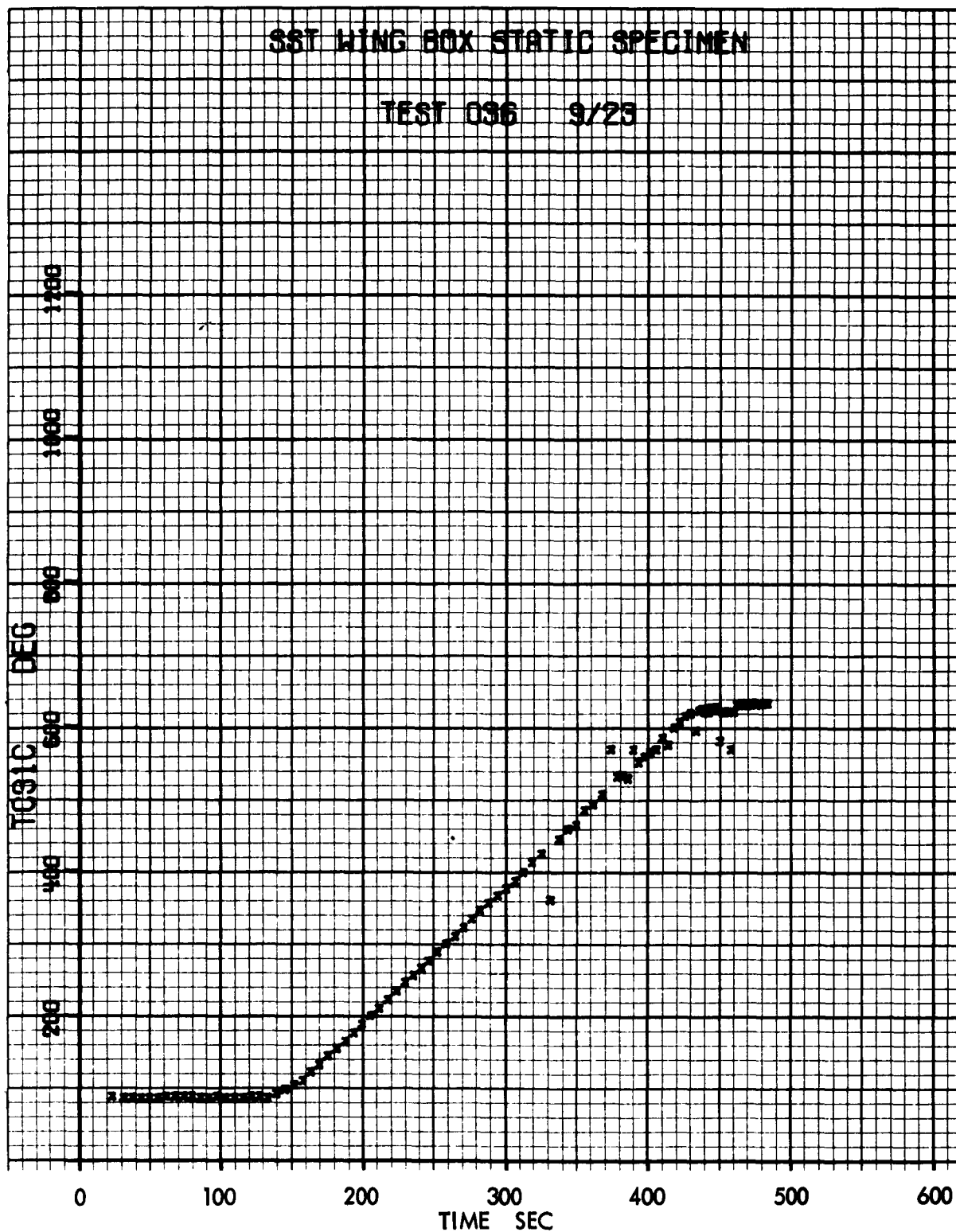


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

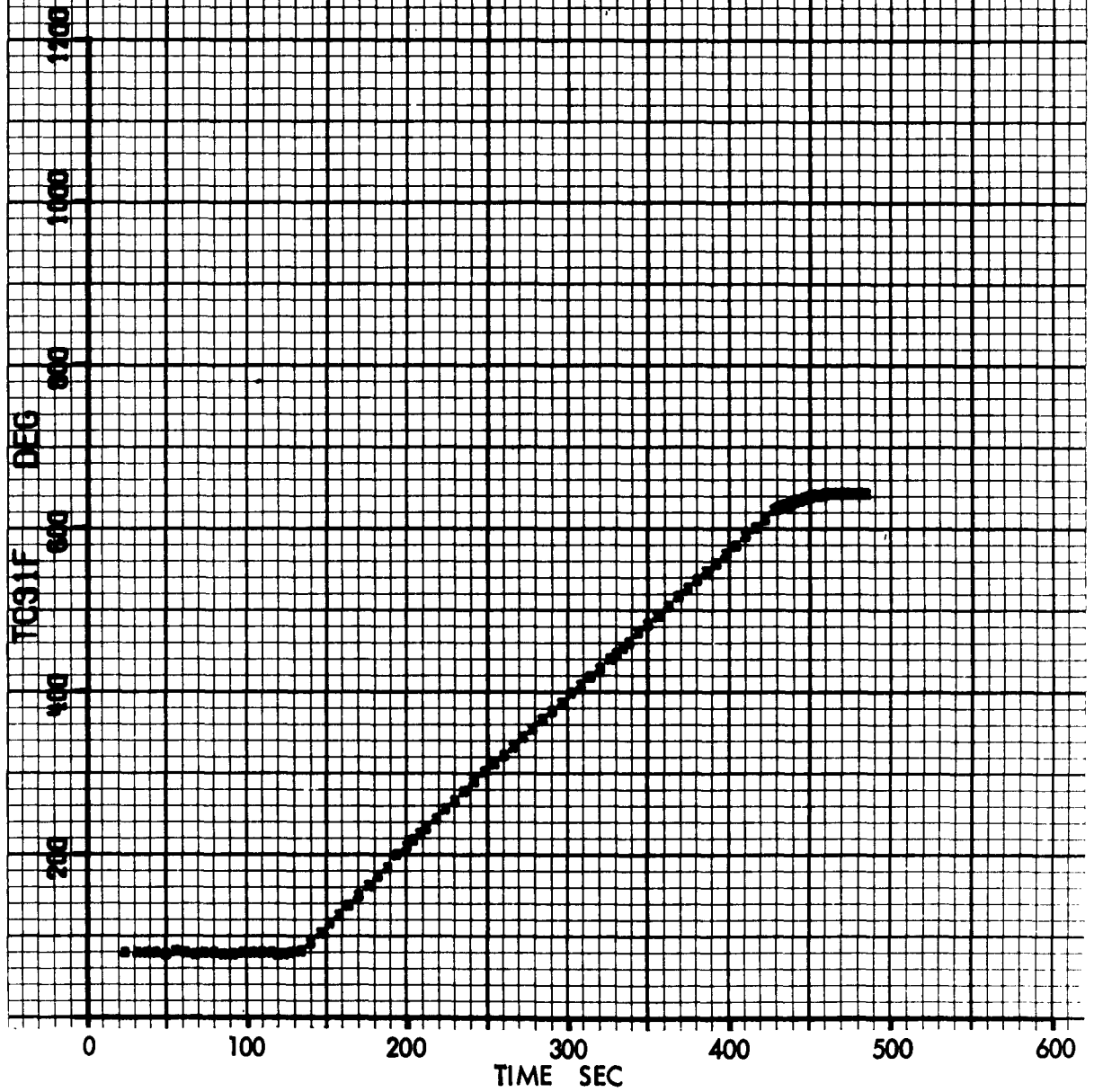






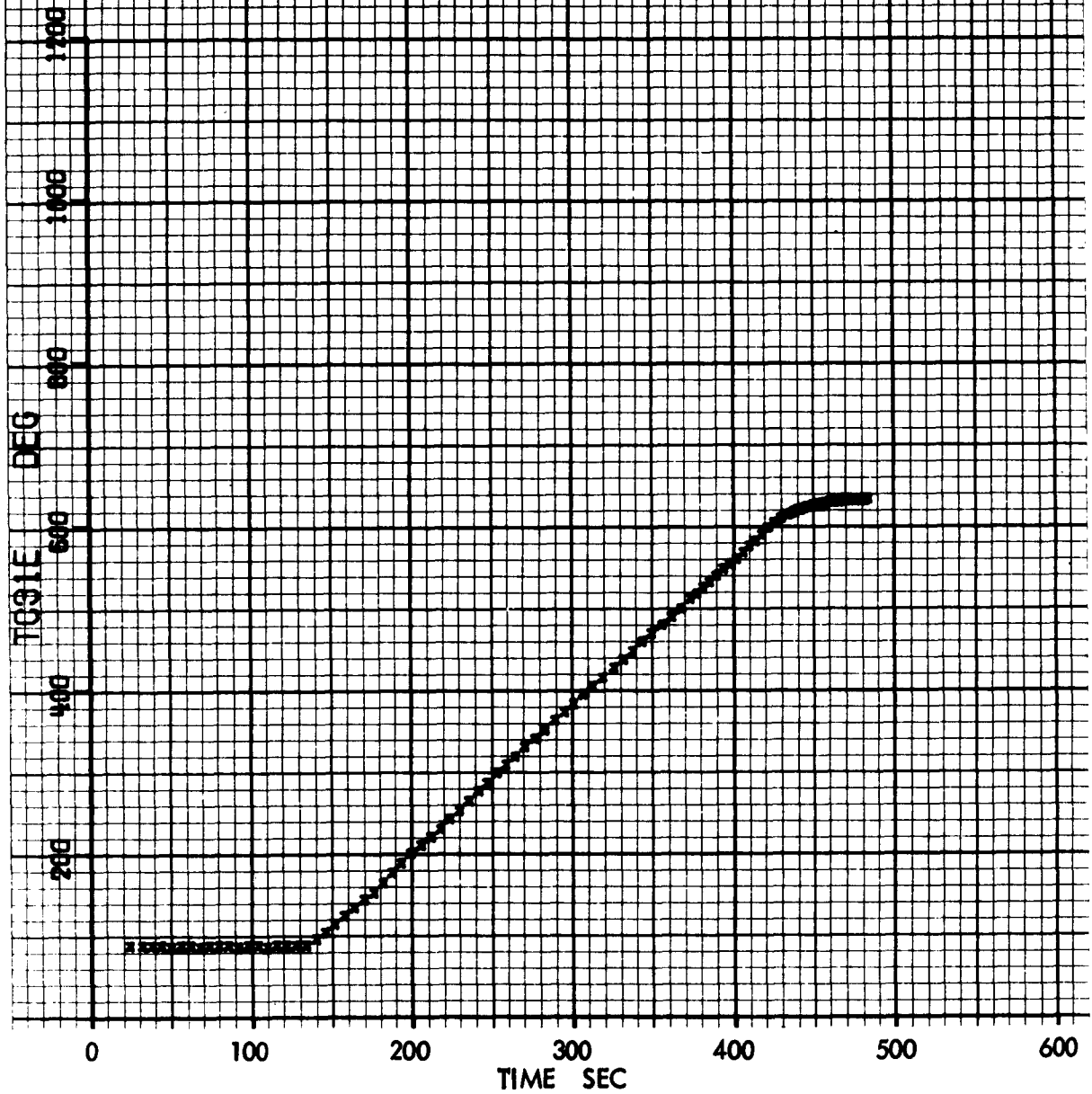
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



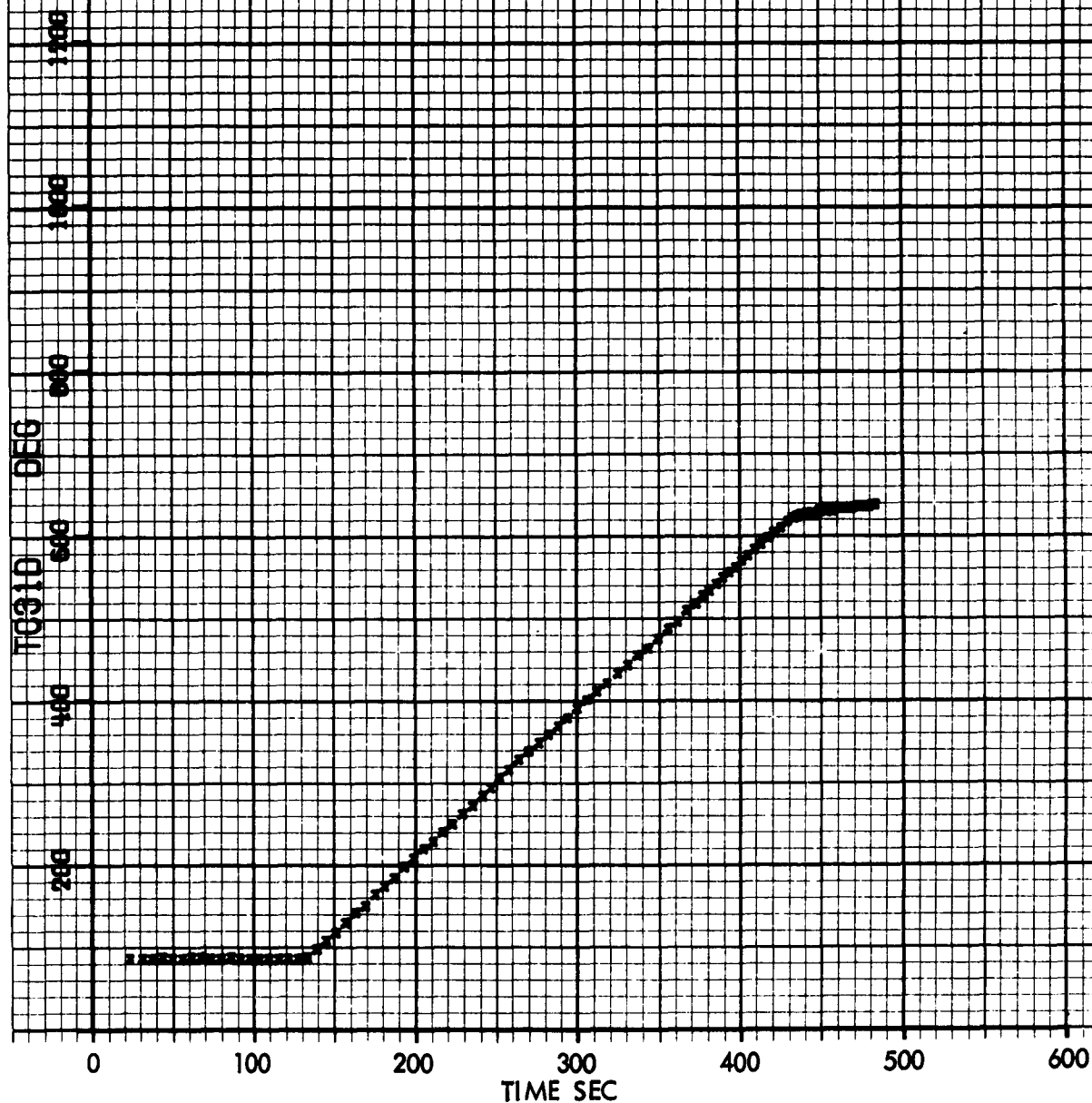
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



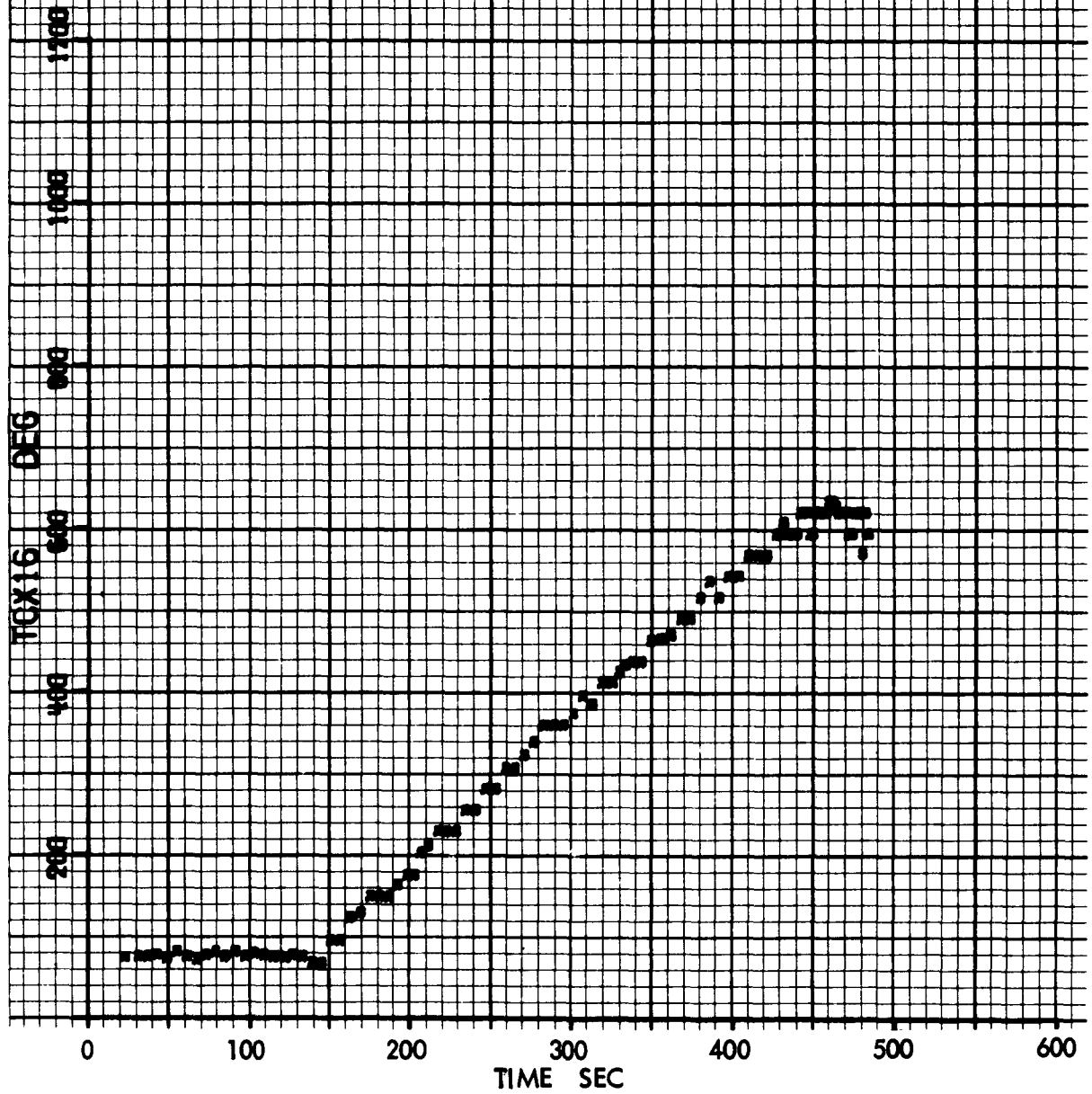
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



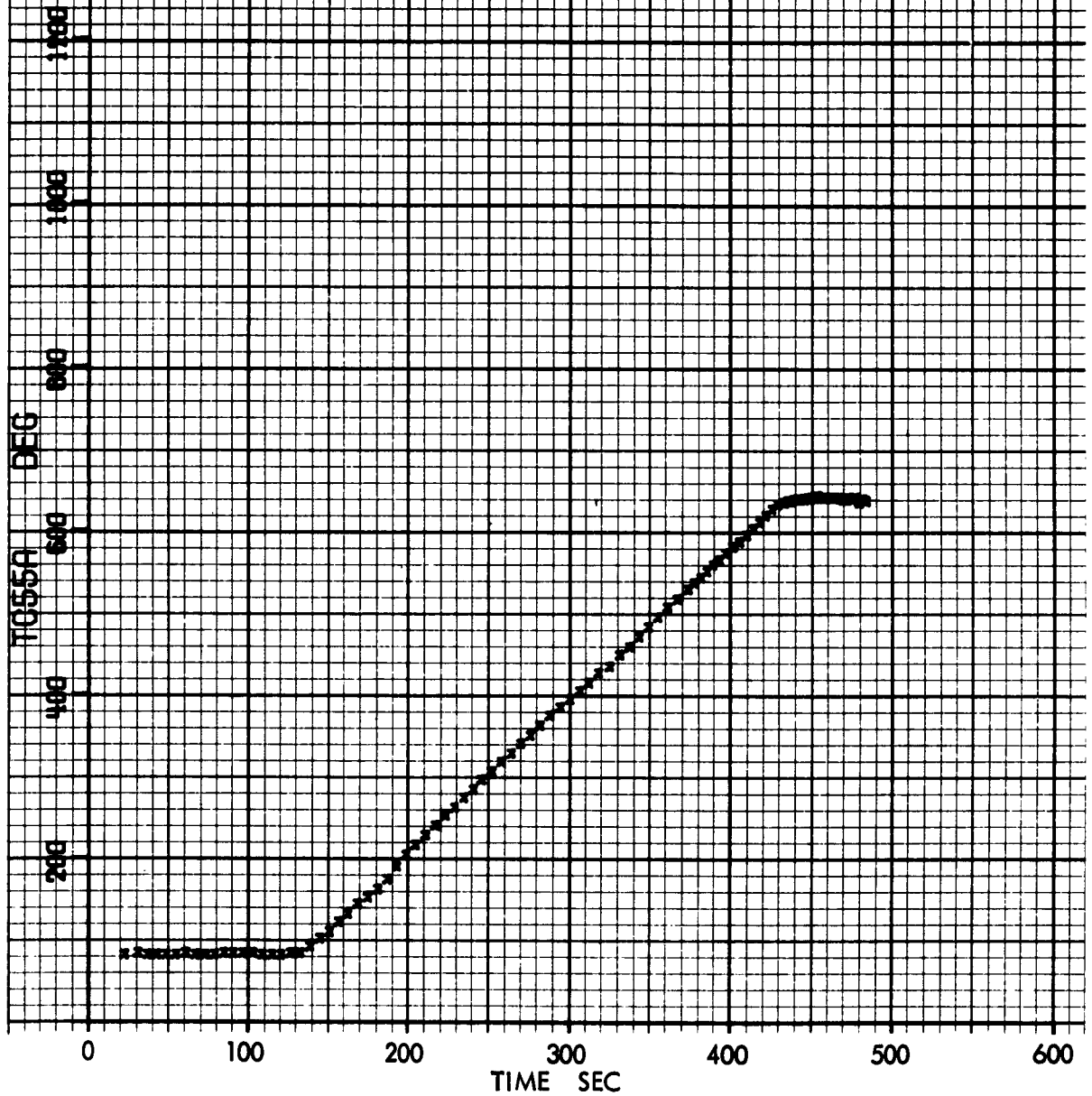
# S&T WING BOX STATIC SPECIMEN

TEST 036 9/23



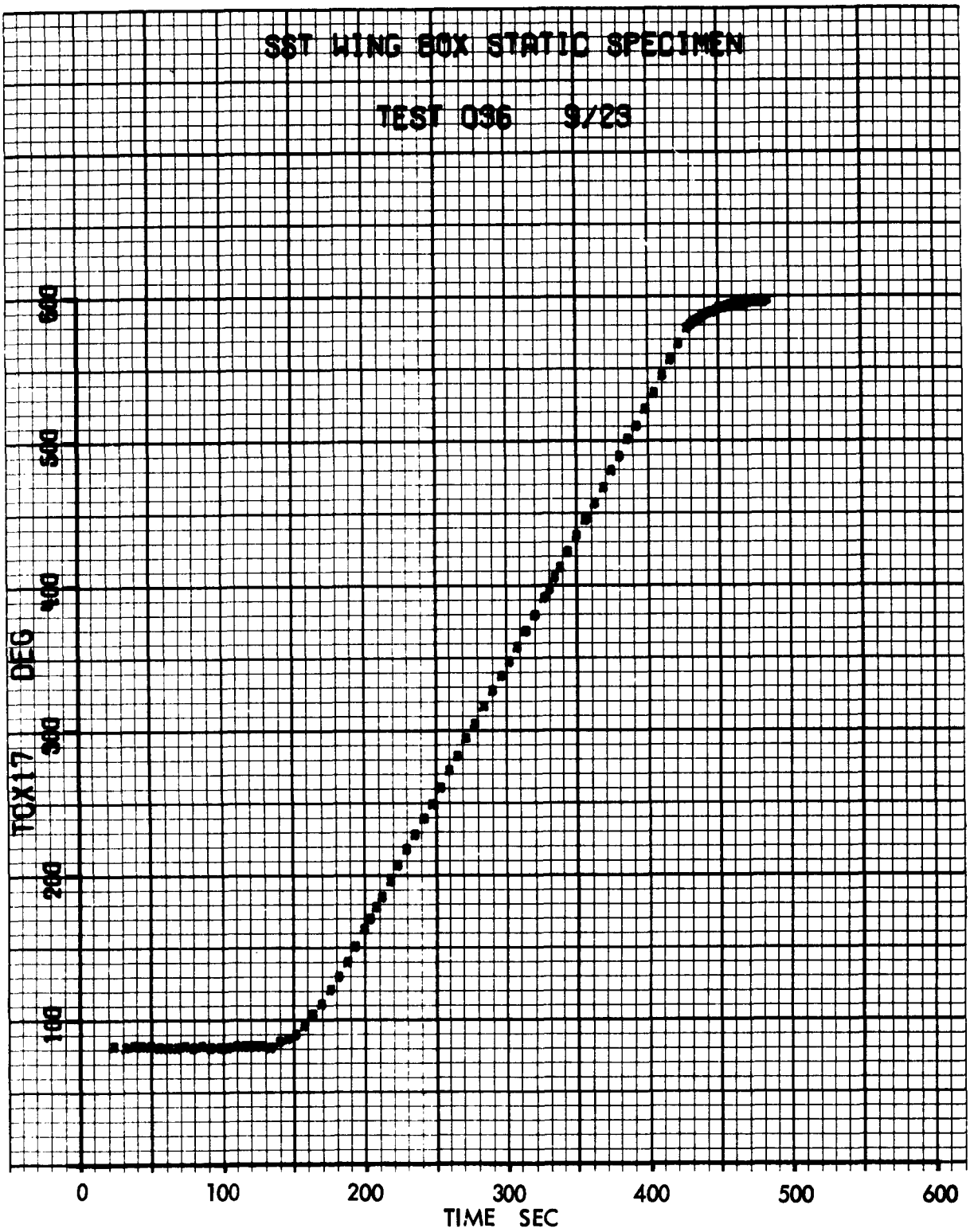
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



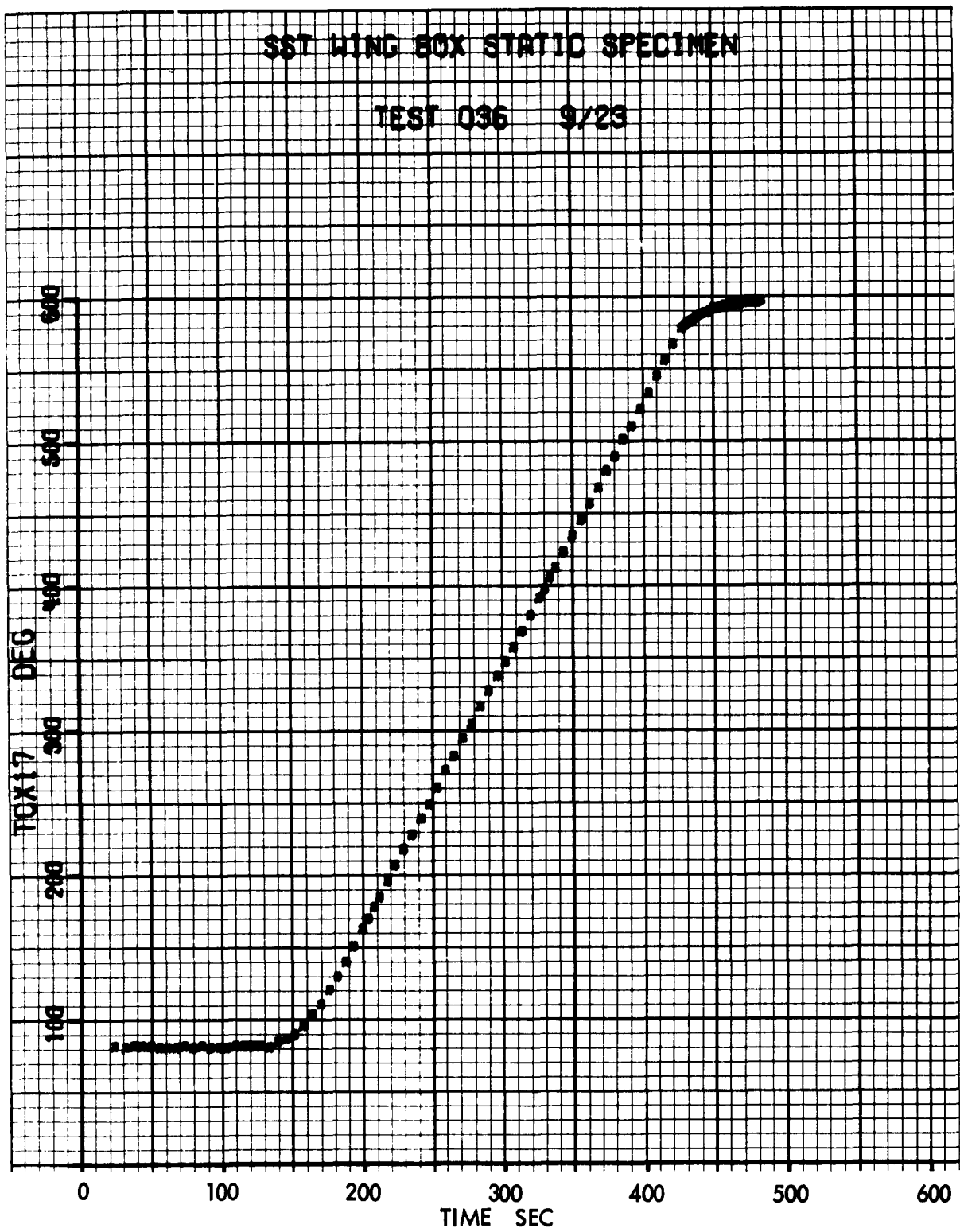
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

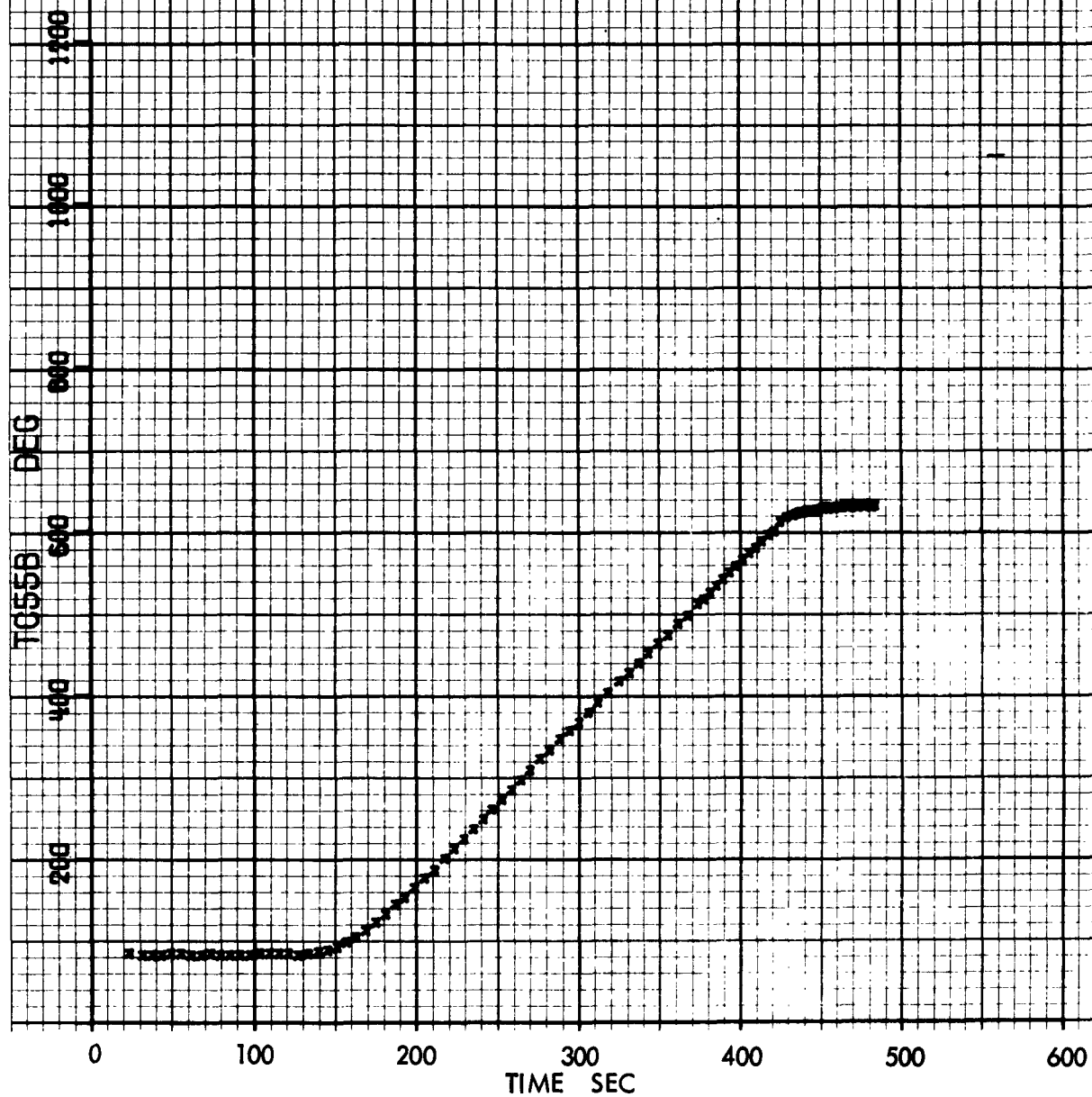
TEST 036 9/23





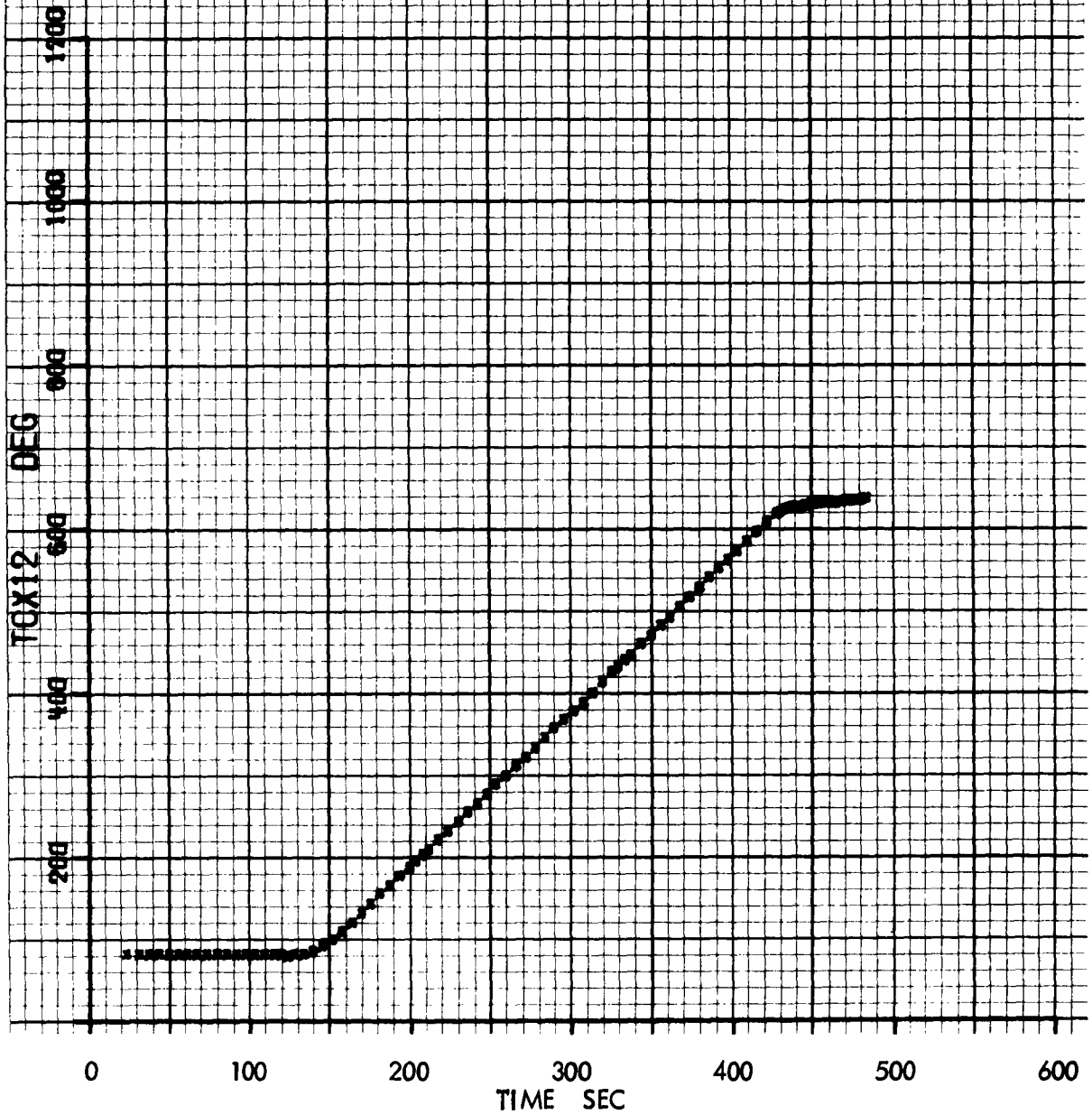
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



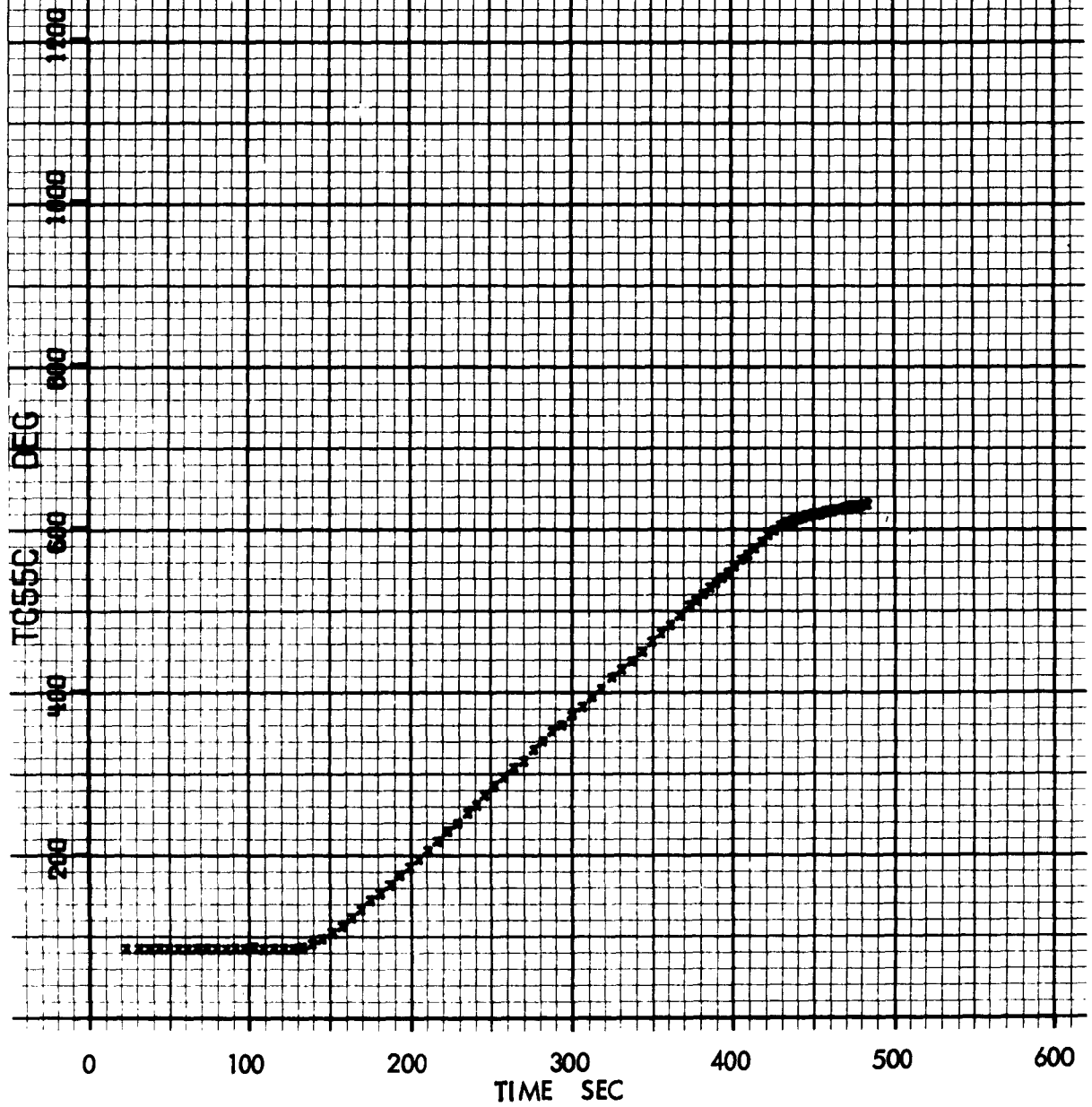
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



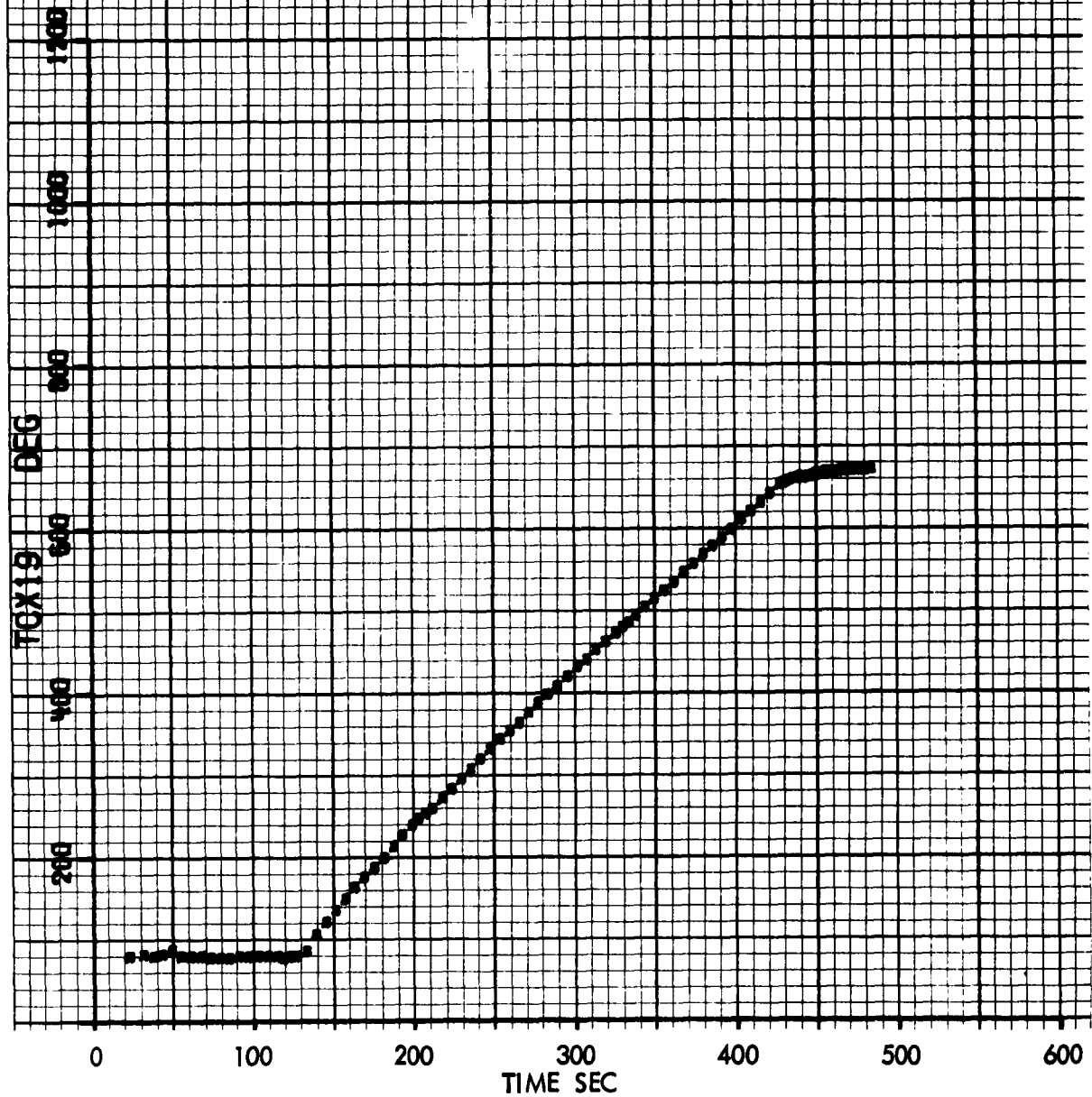
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



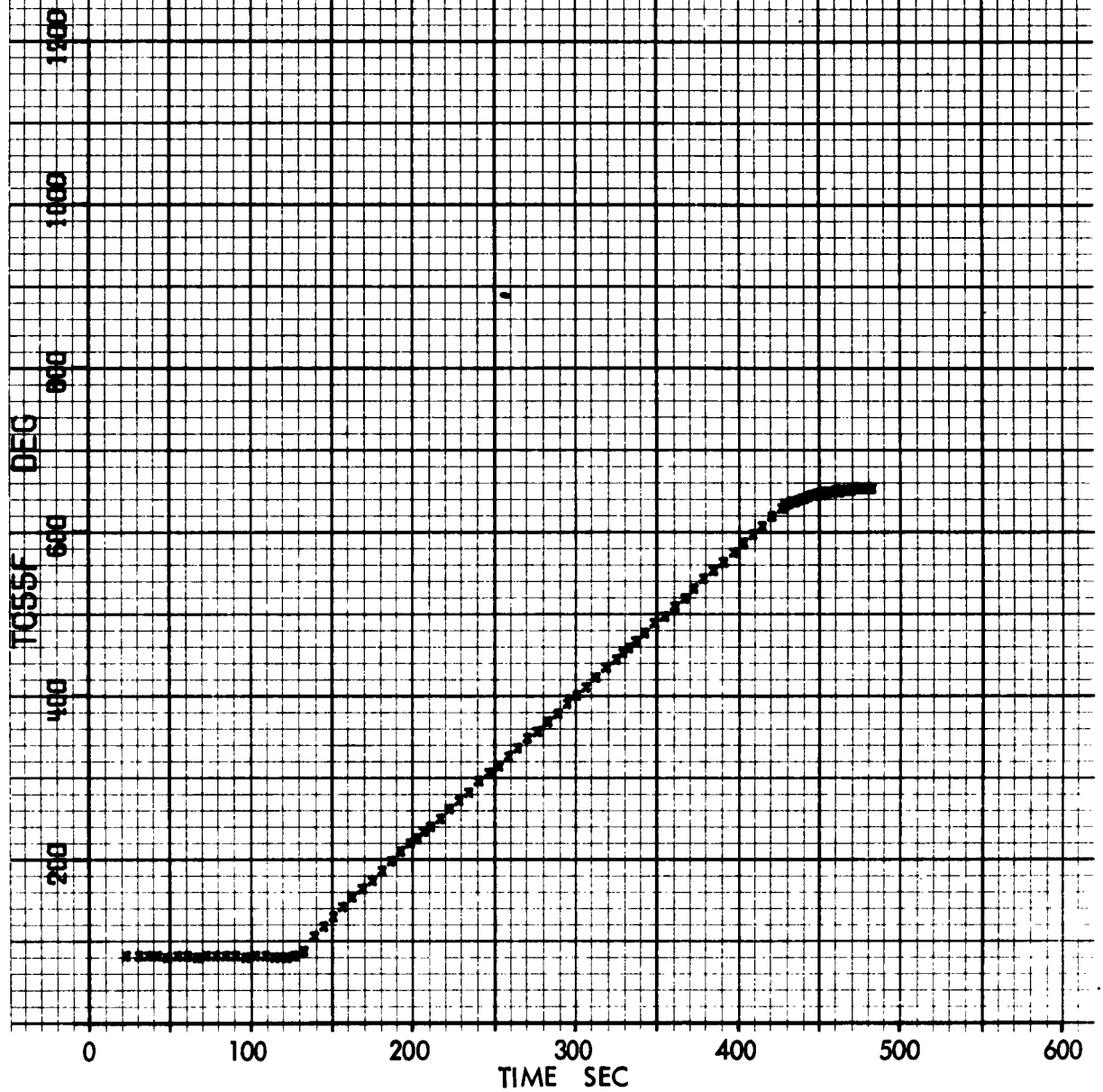
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



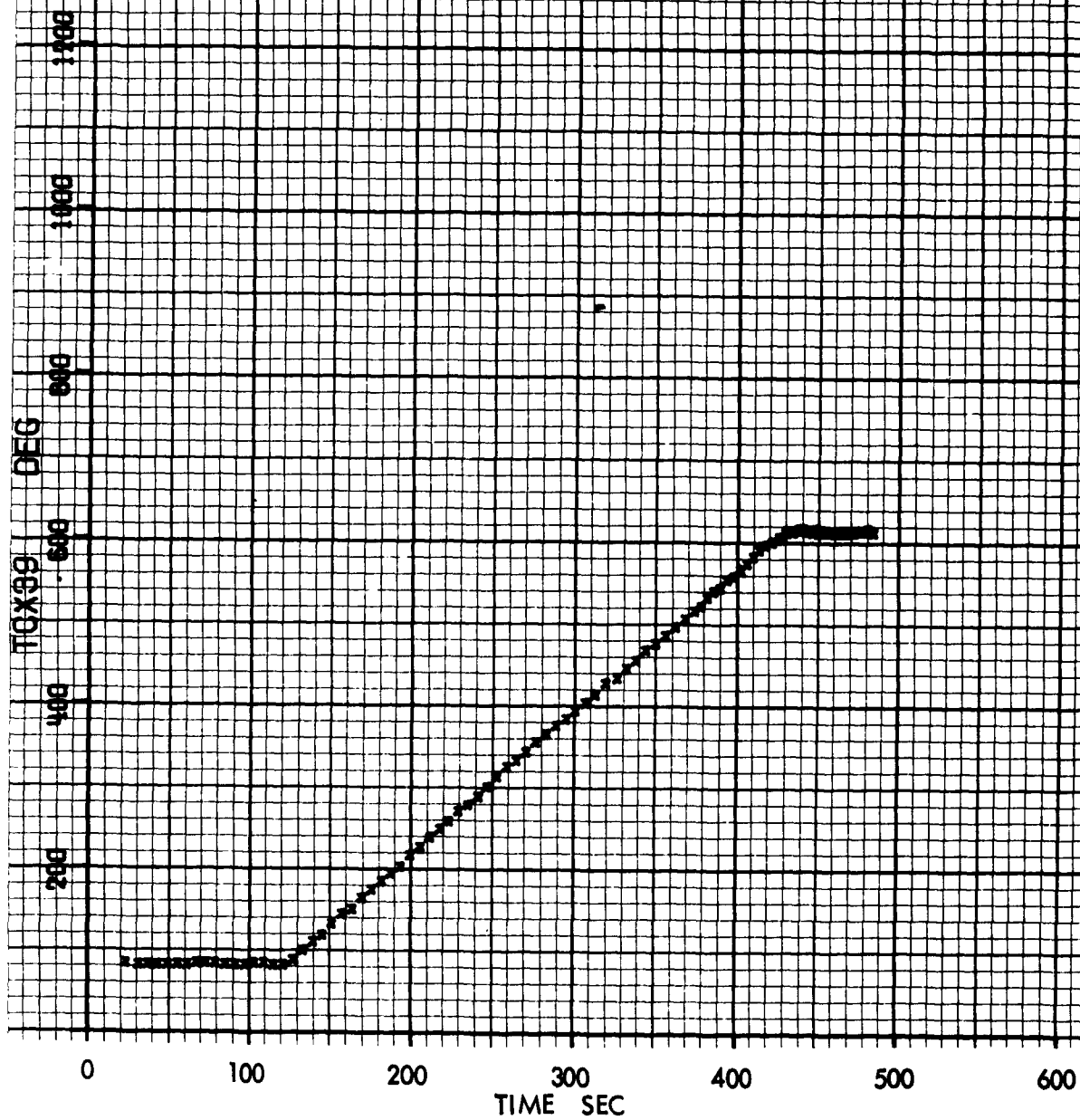
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



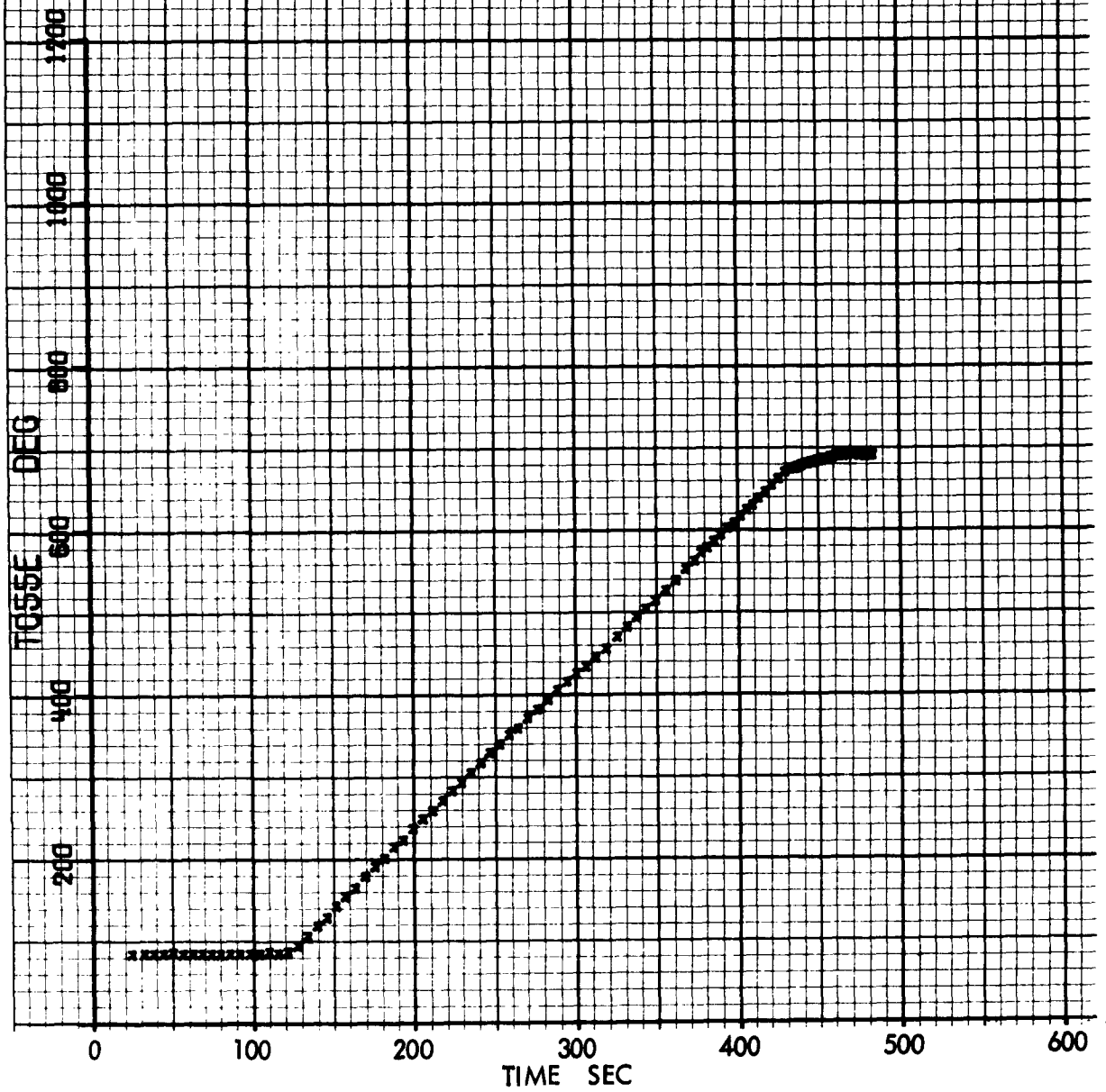
# SST WING BOX STATIC SPECIMEN

TEST 036 9/25



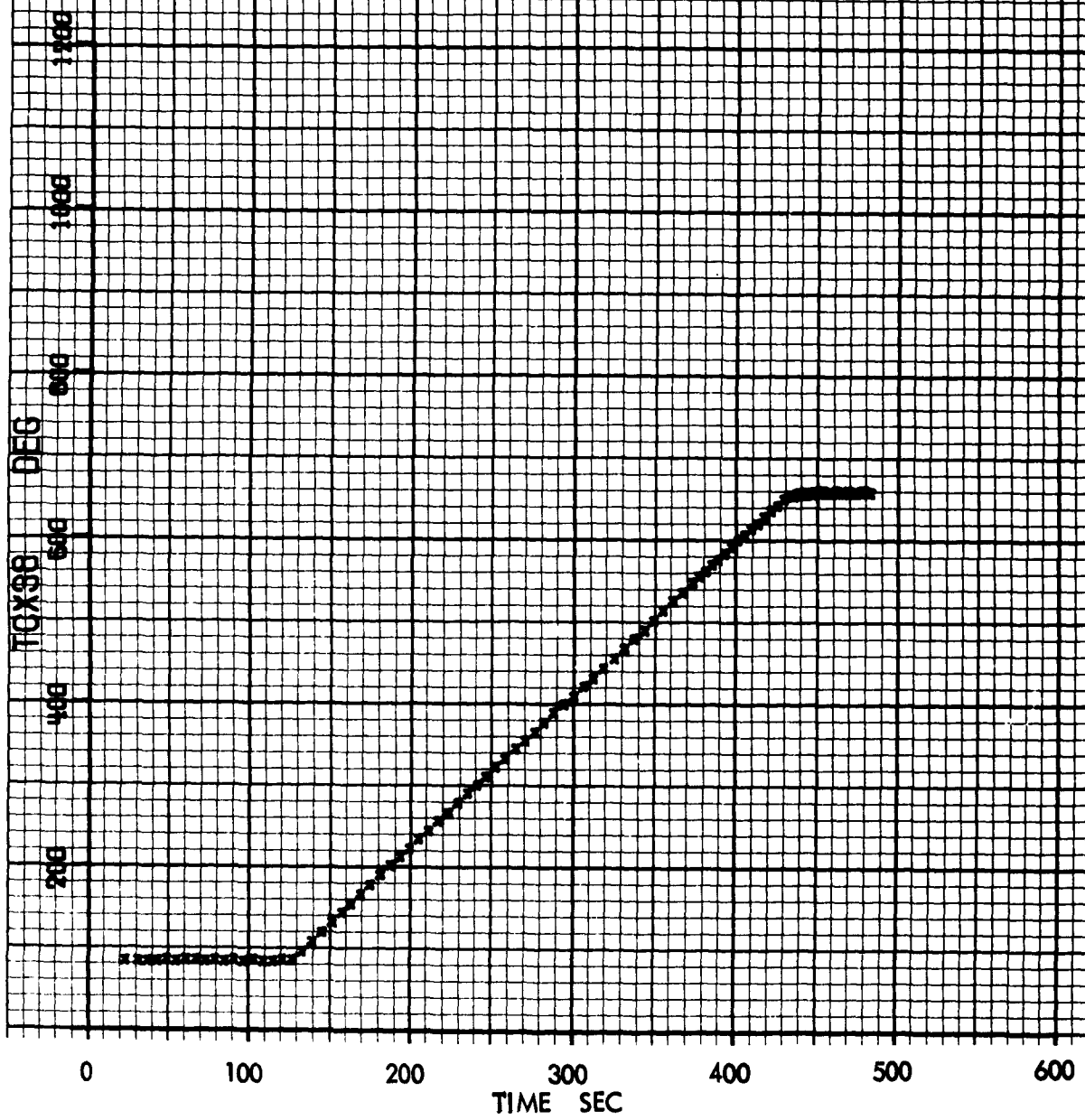
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

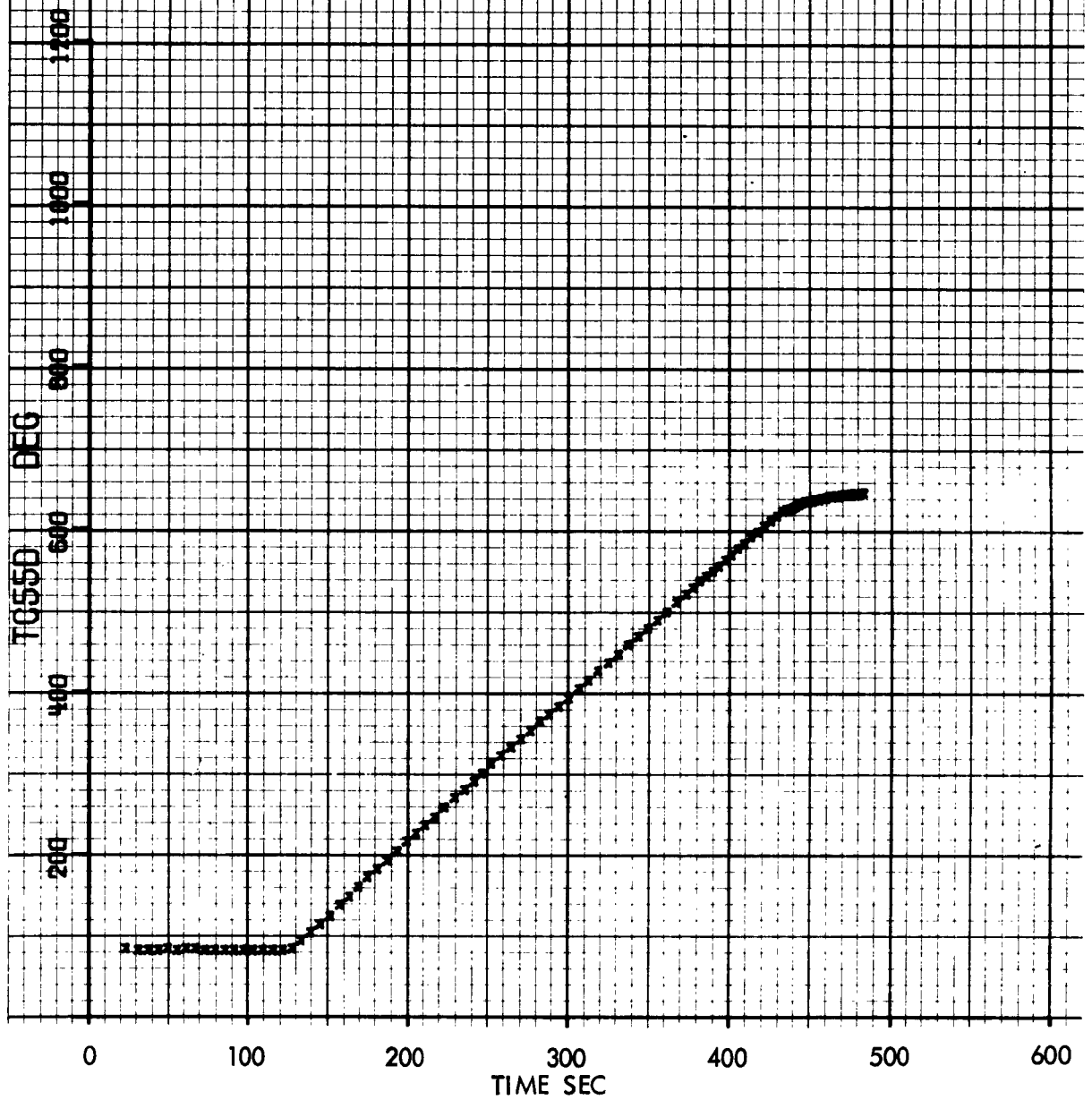
TEST 036 9/23





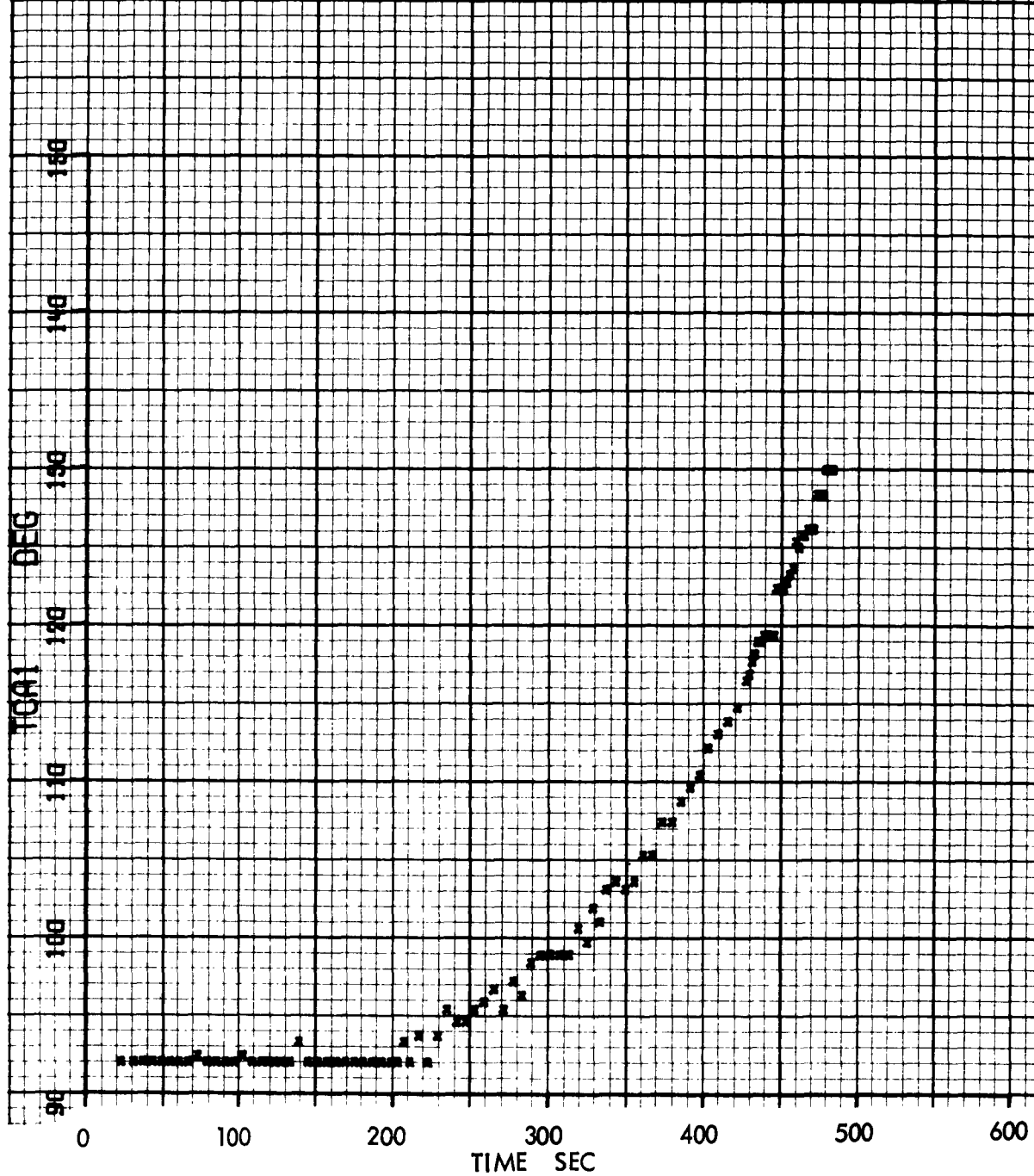
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



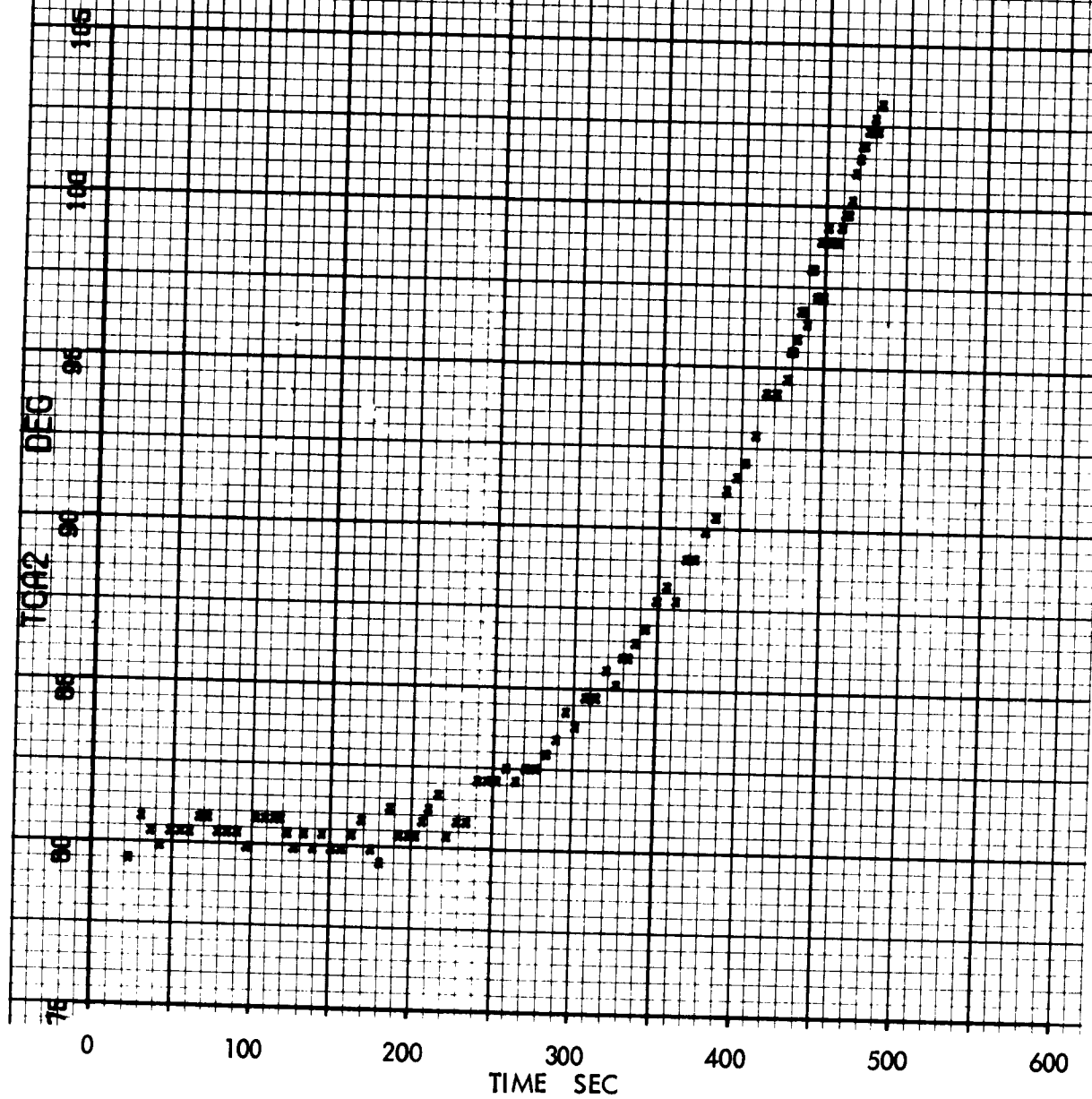
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



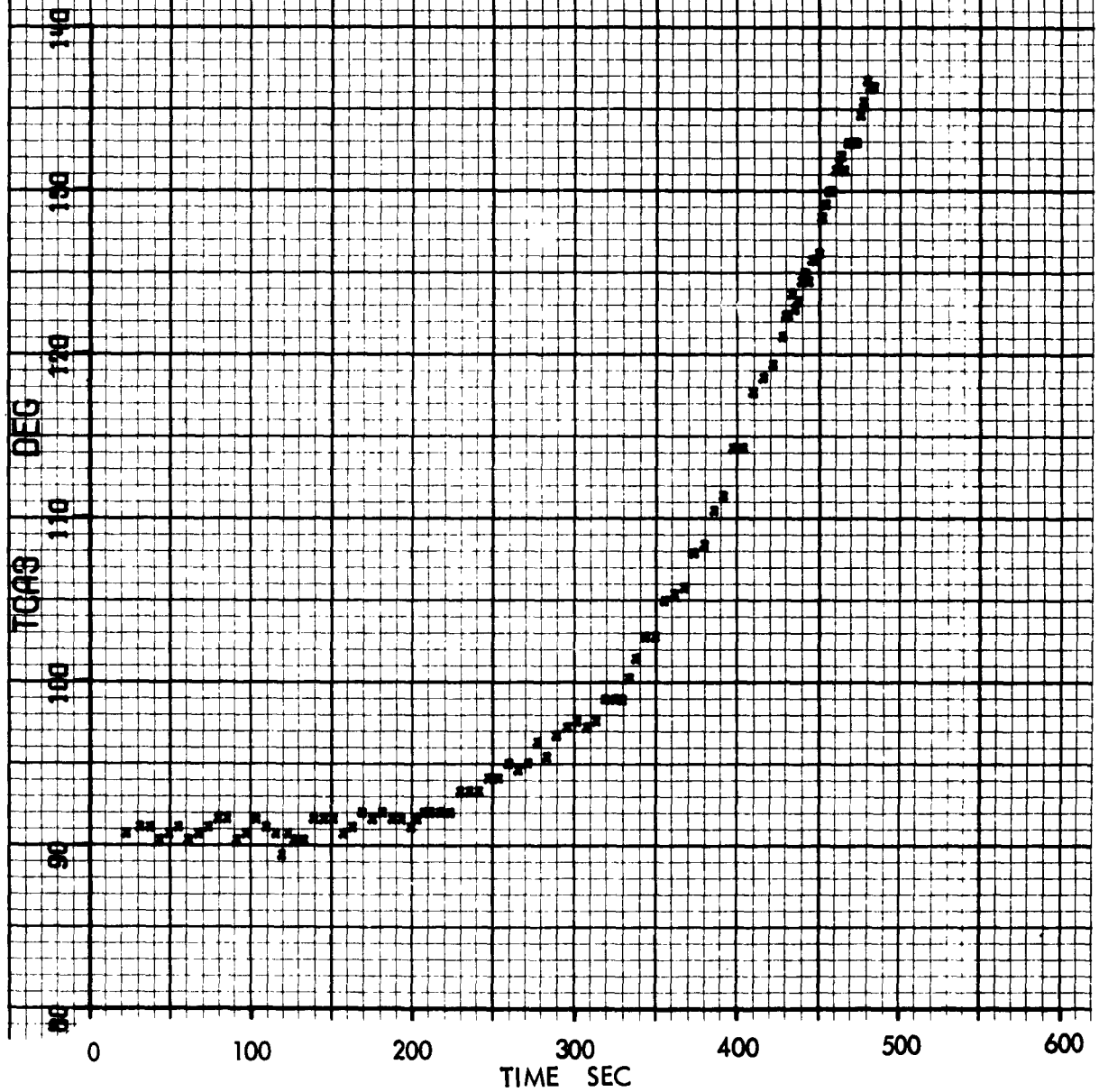
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



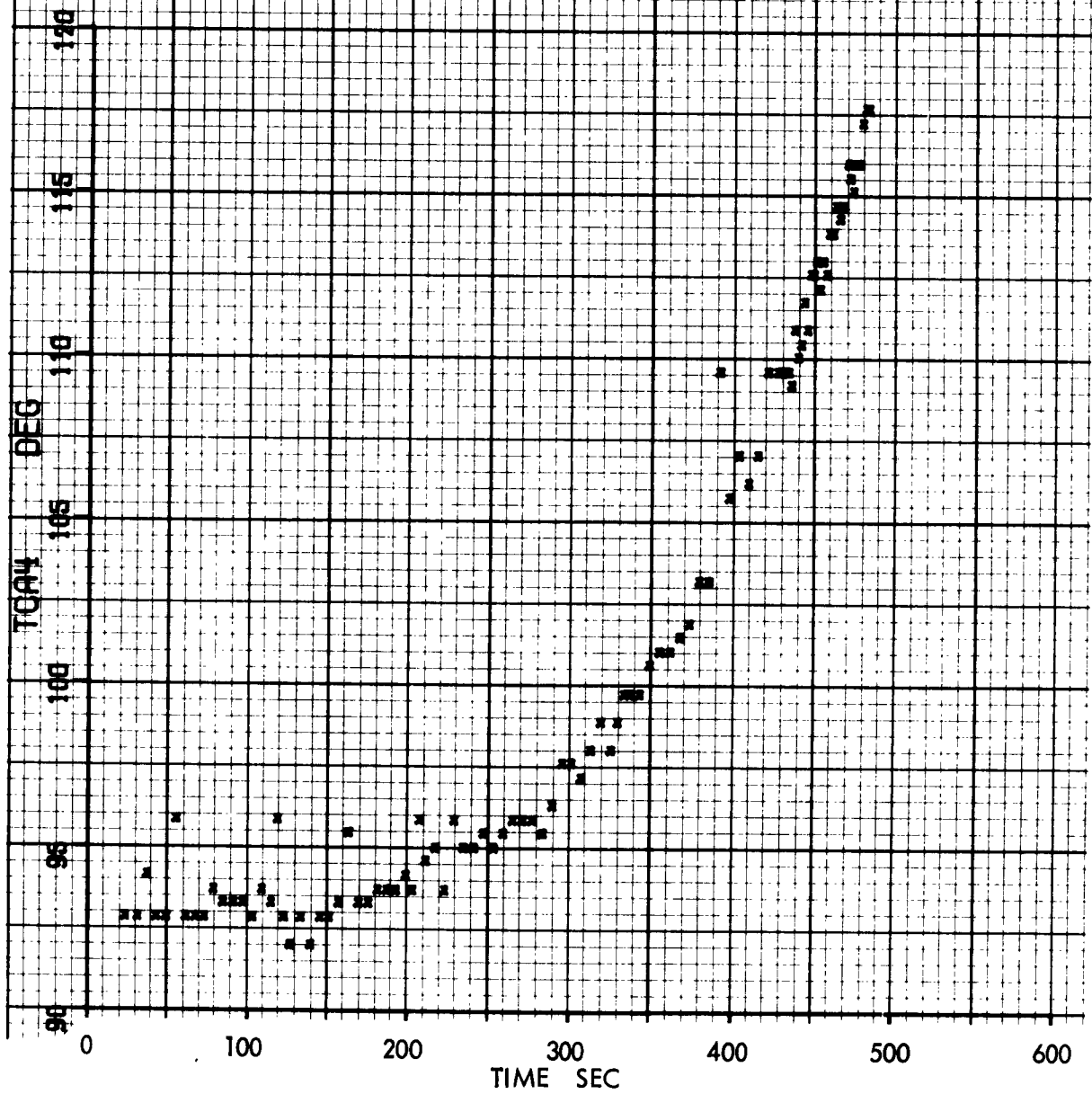
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



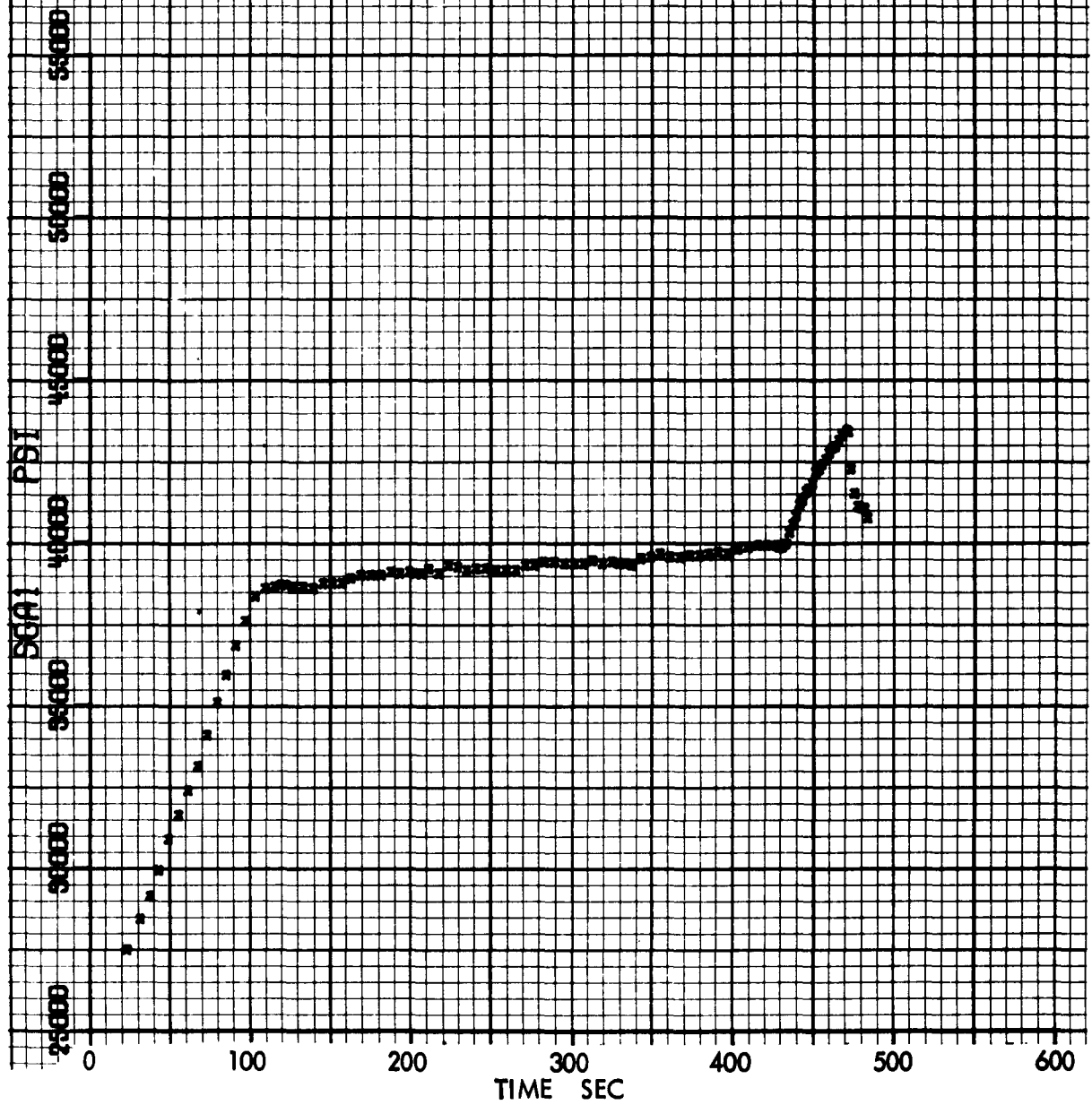
# SST WING BOX STATIC SPECIMEN

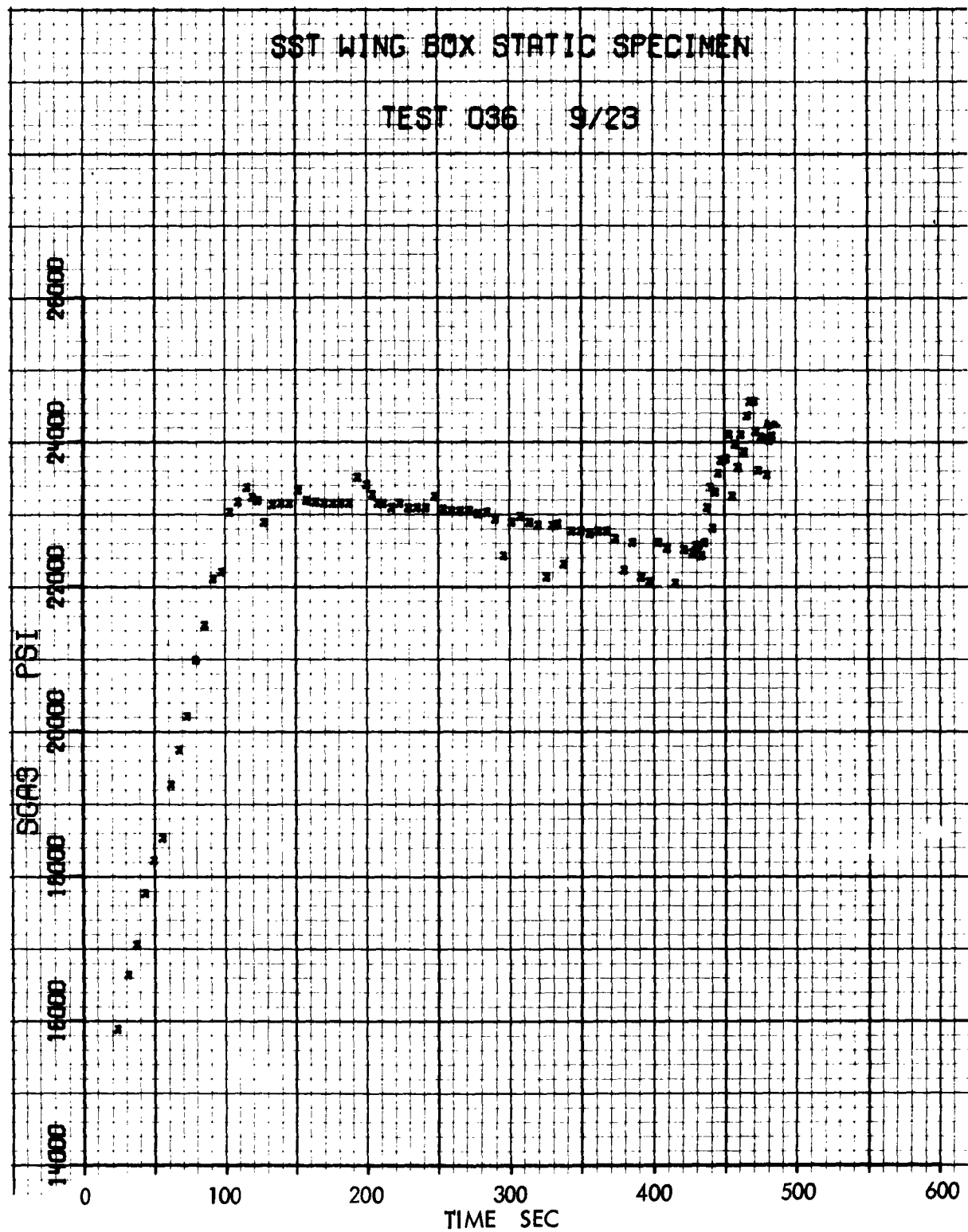
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

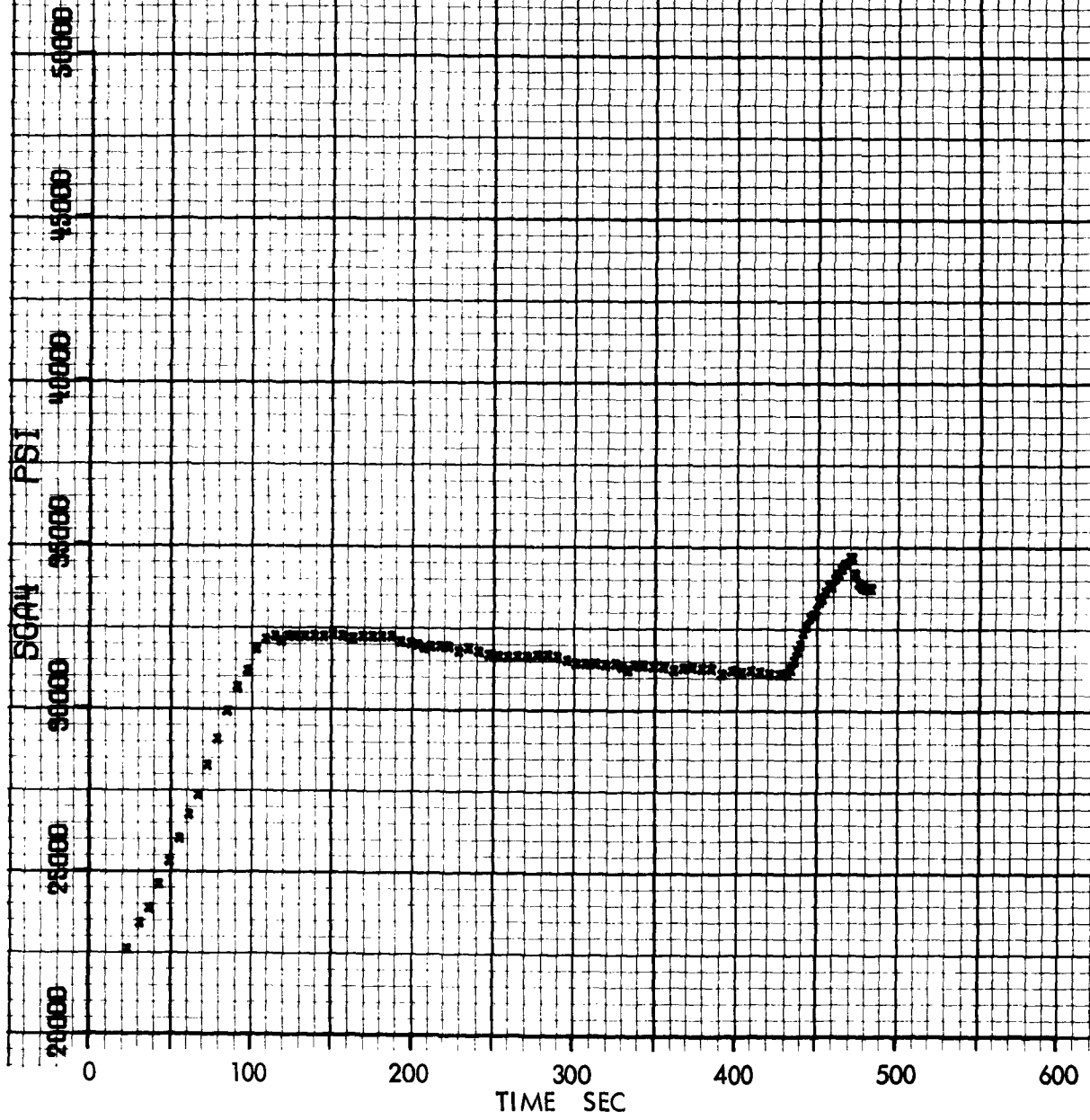
TEST 036 9/29



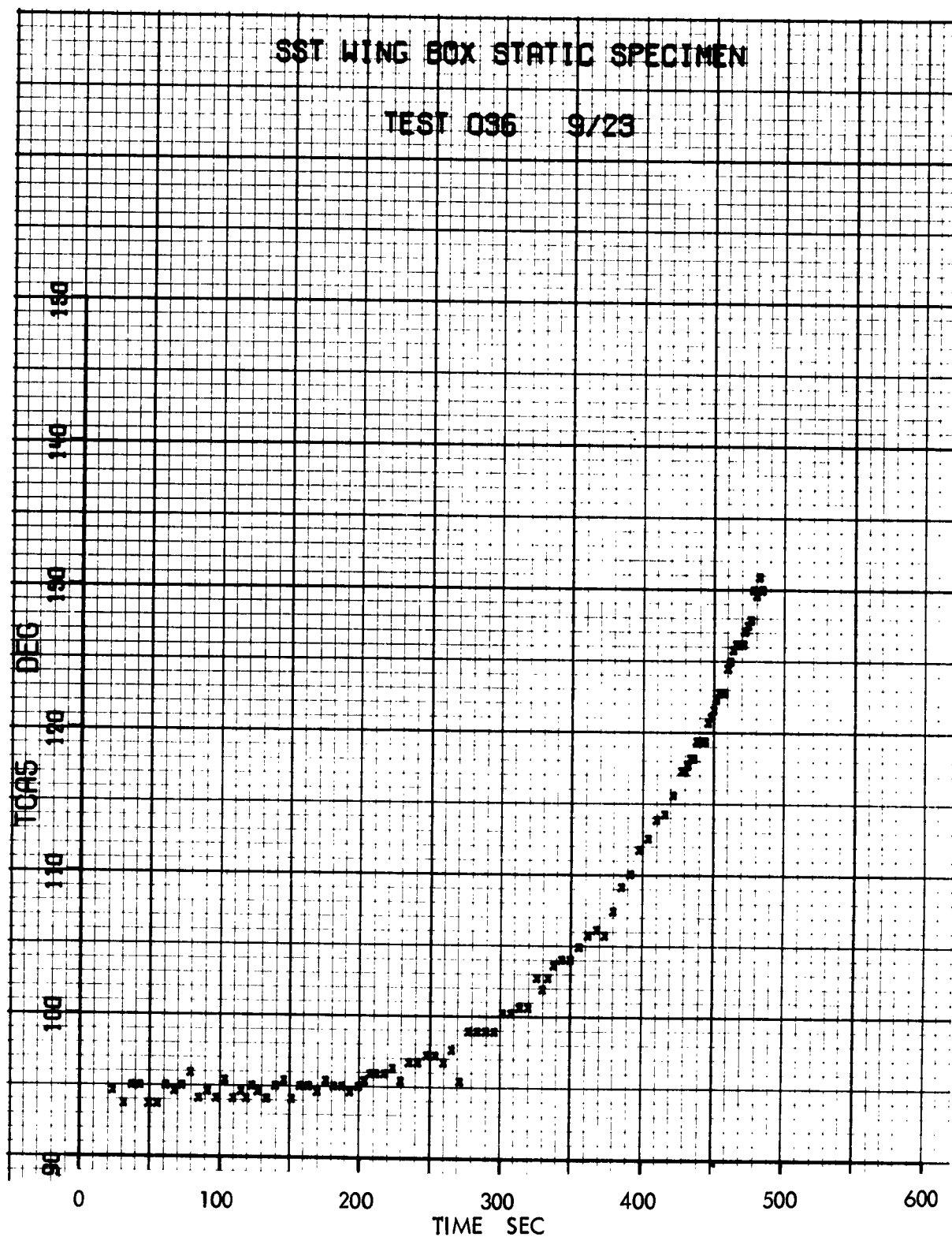


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

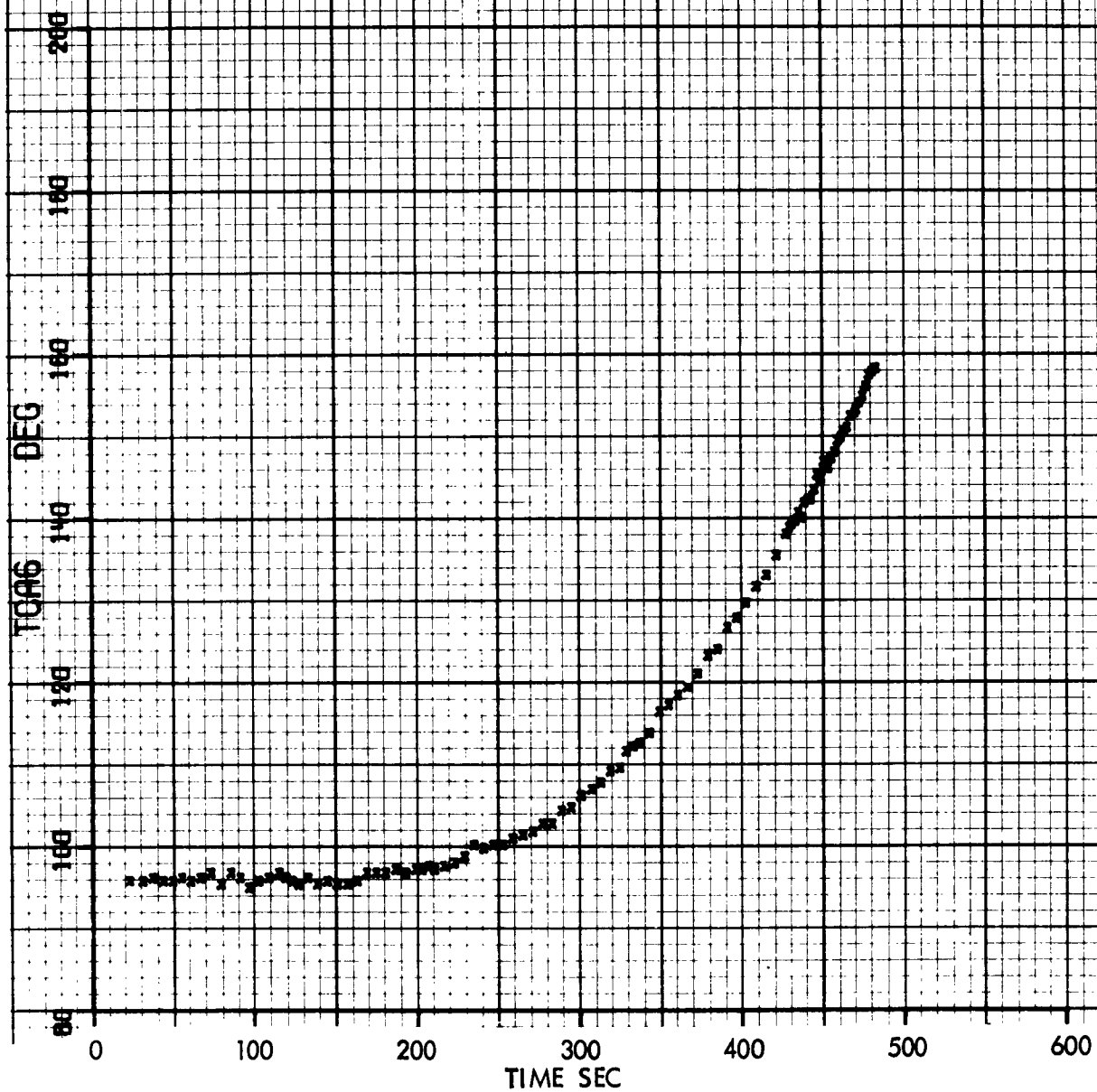


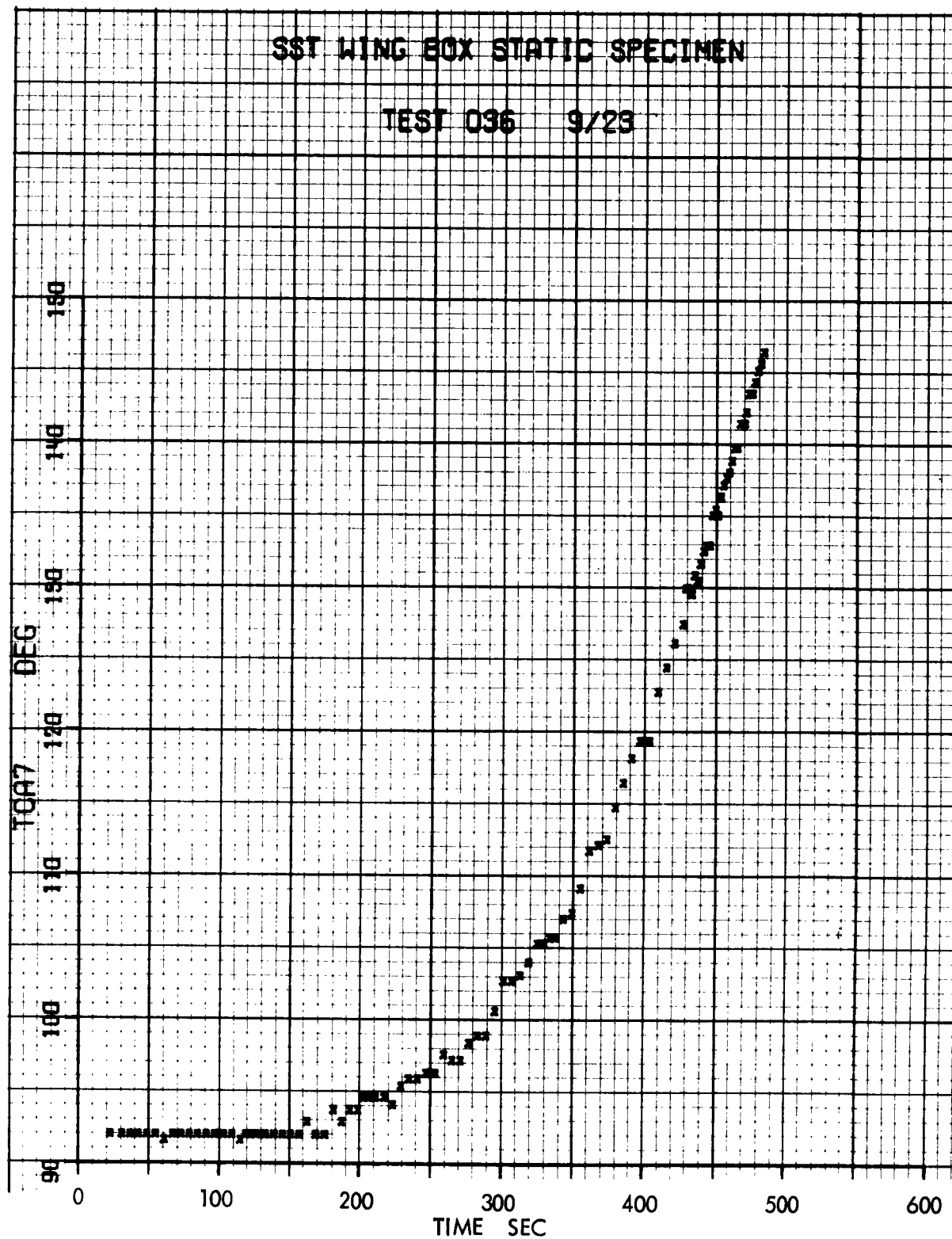




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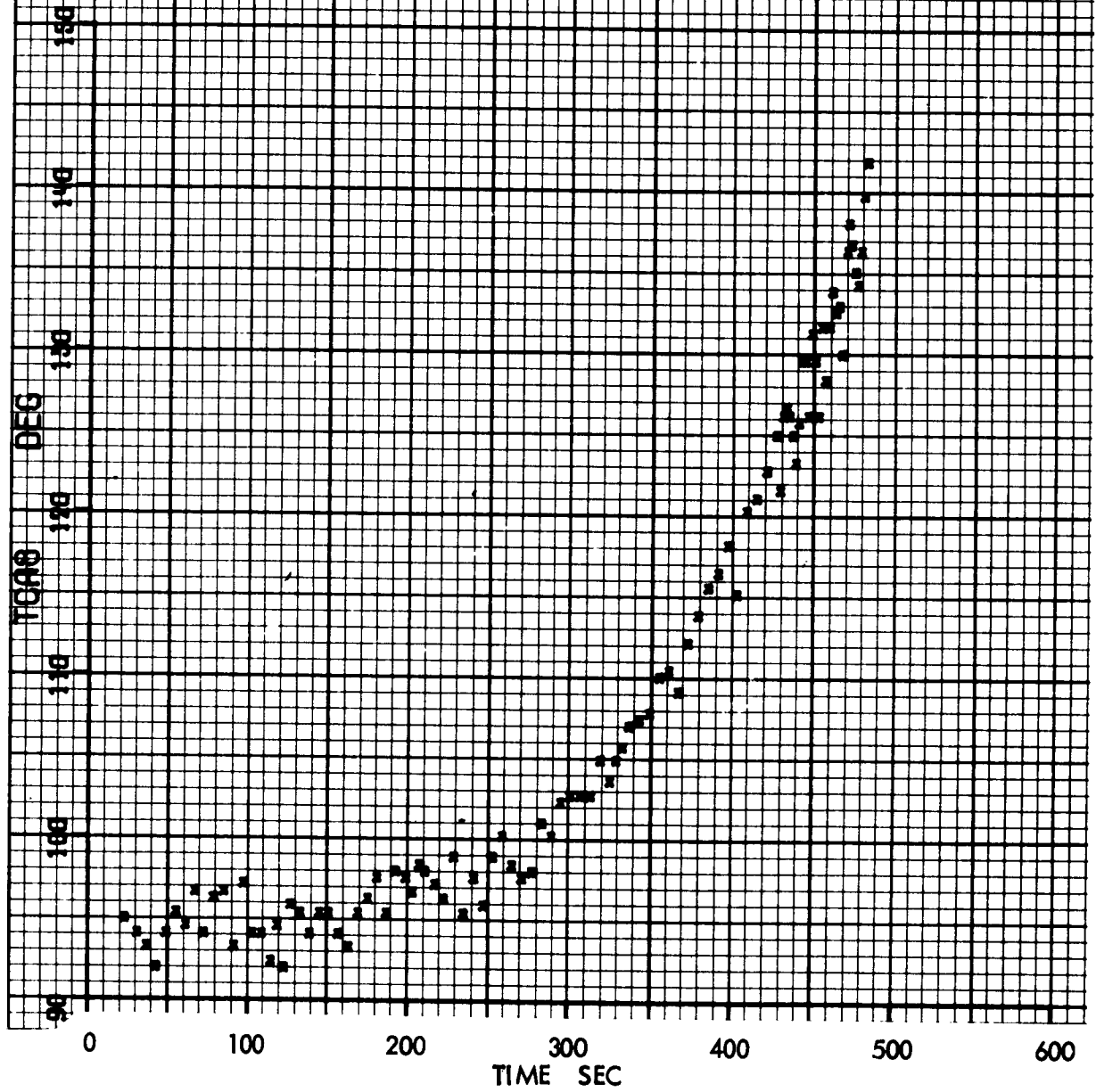
TEST 036 9/23





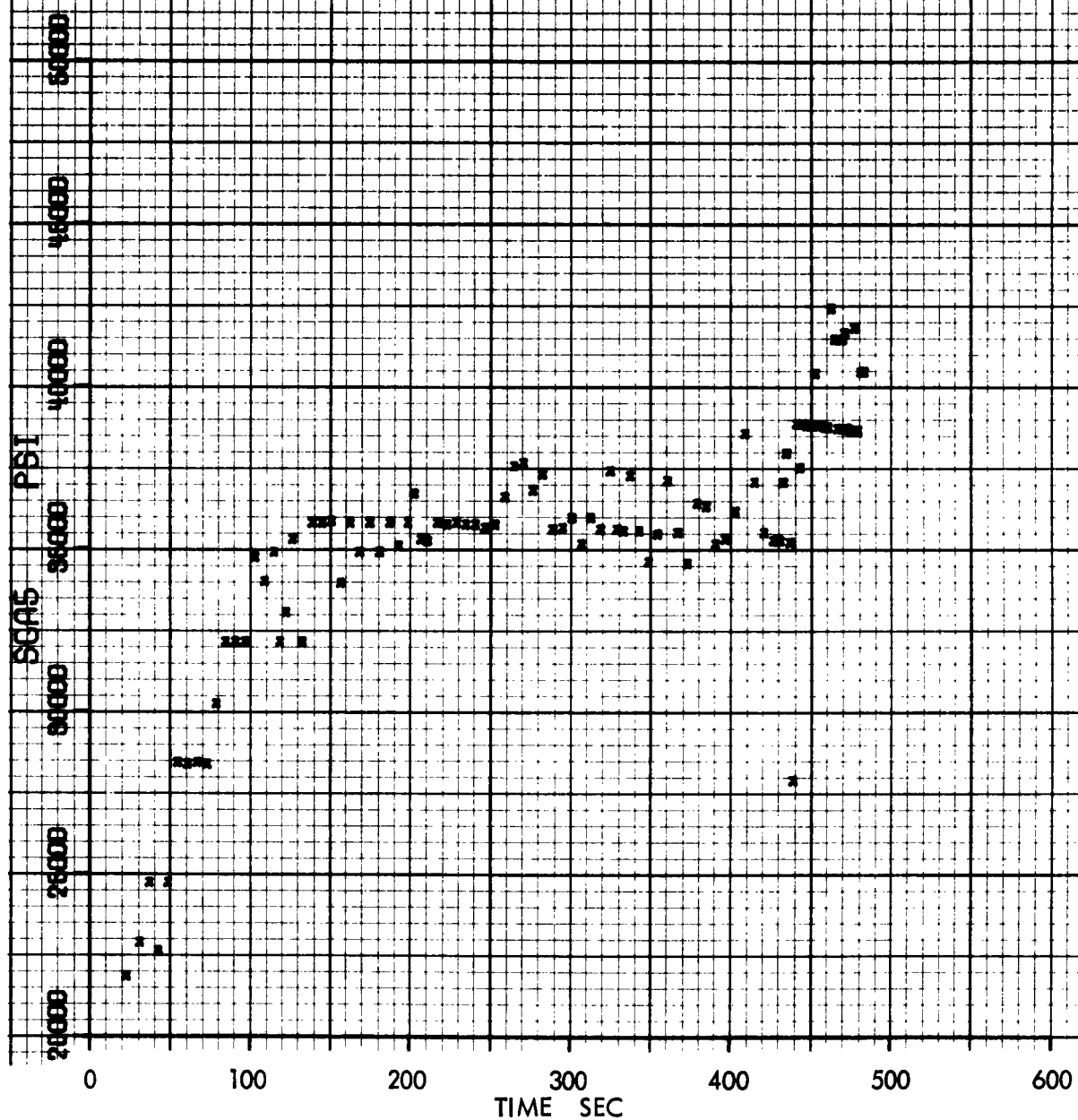
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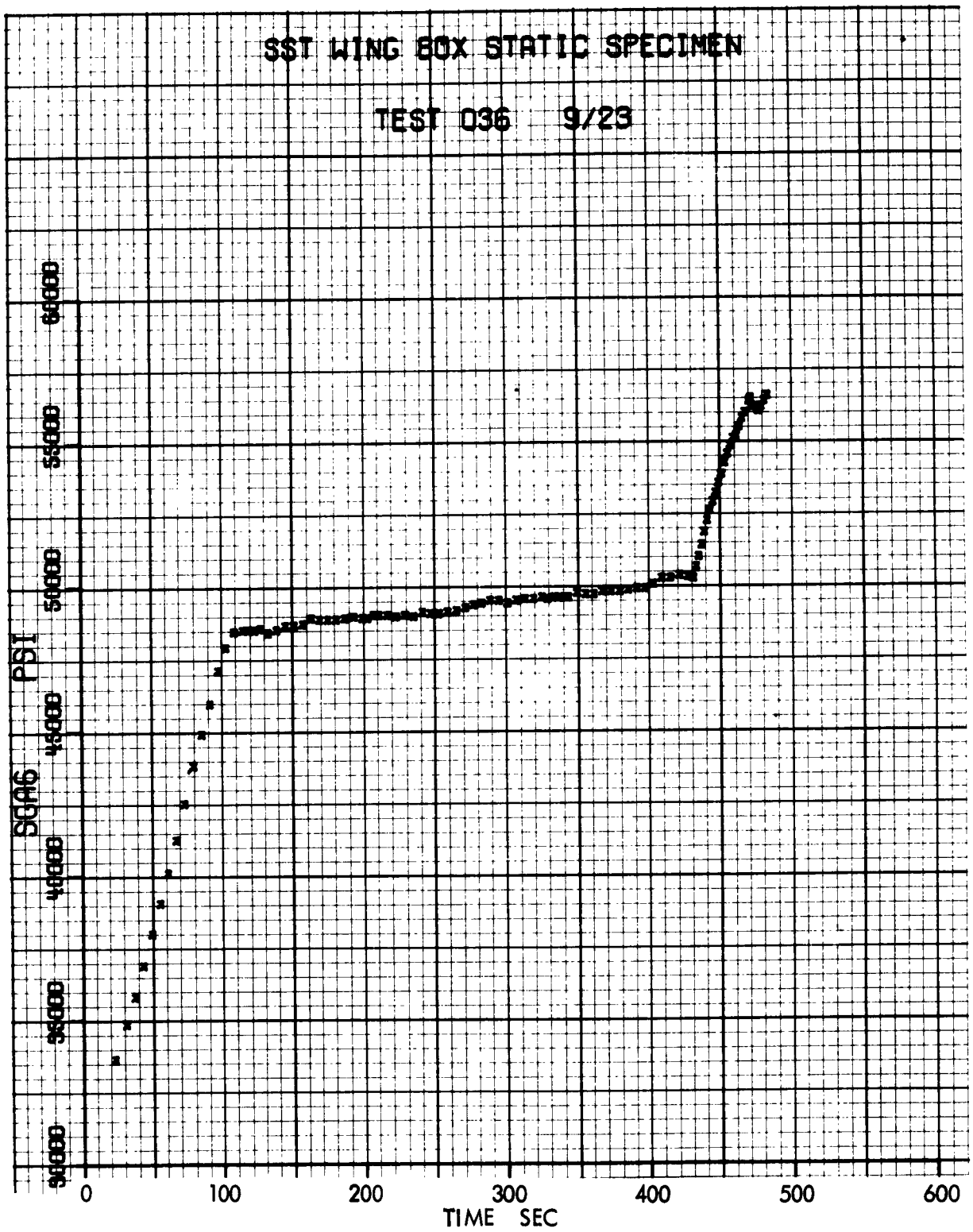
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

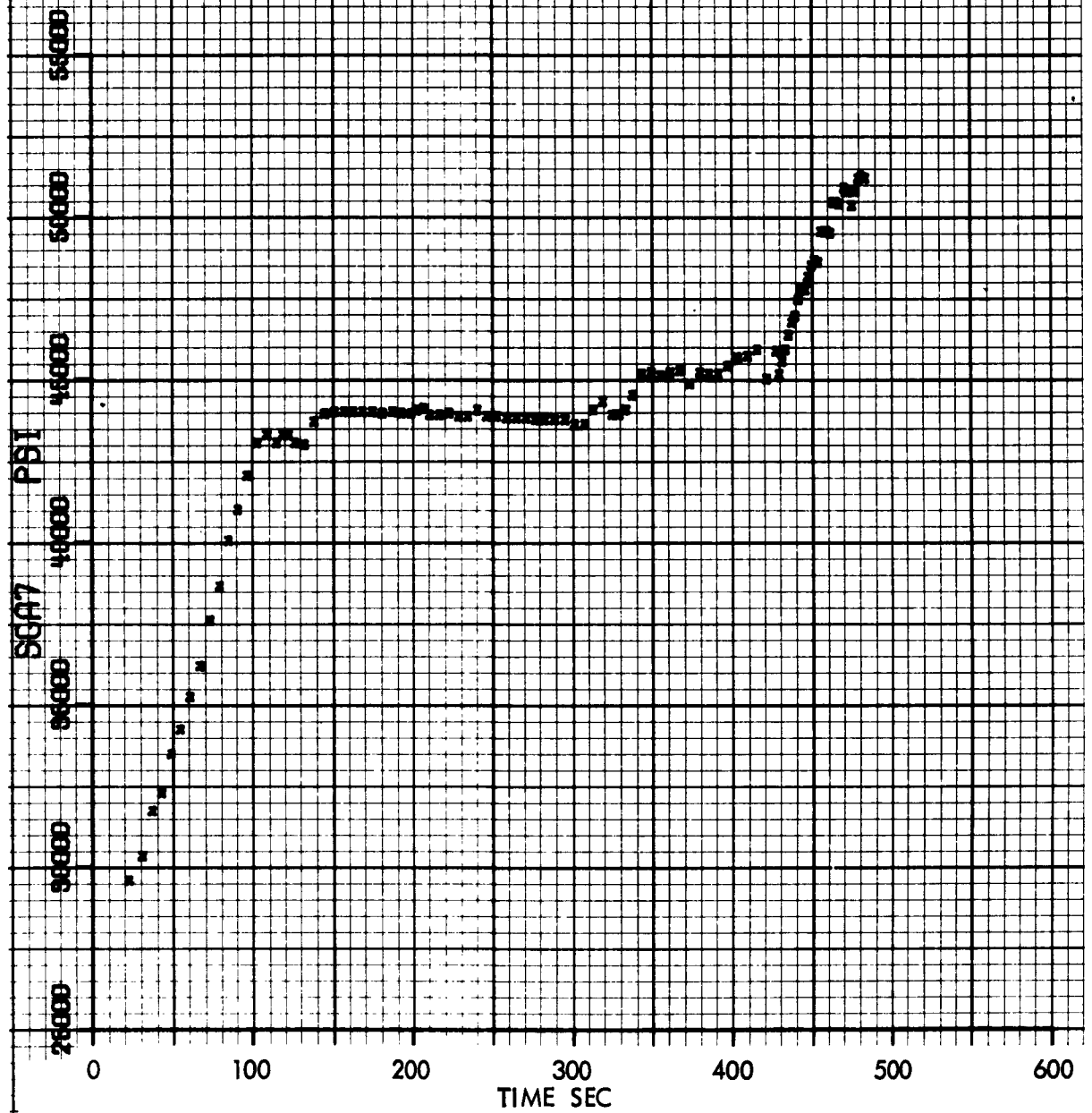
TEST 036 9/23

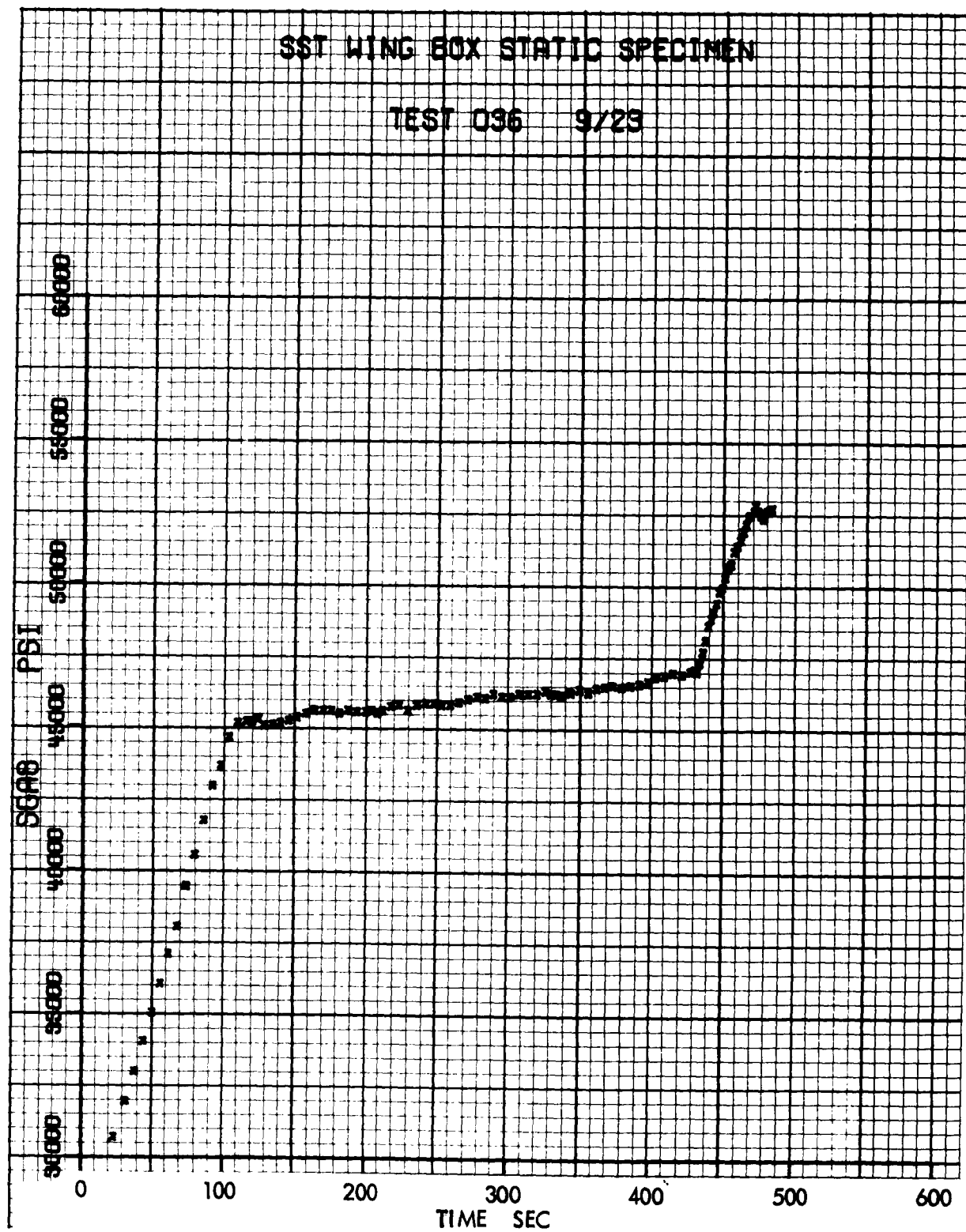




# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

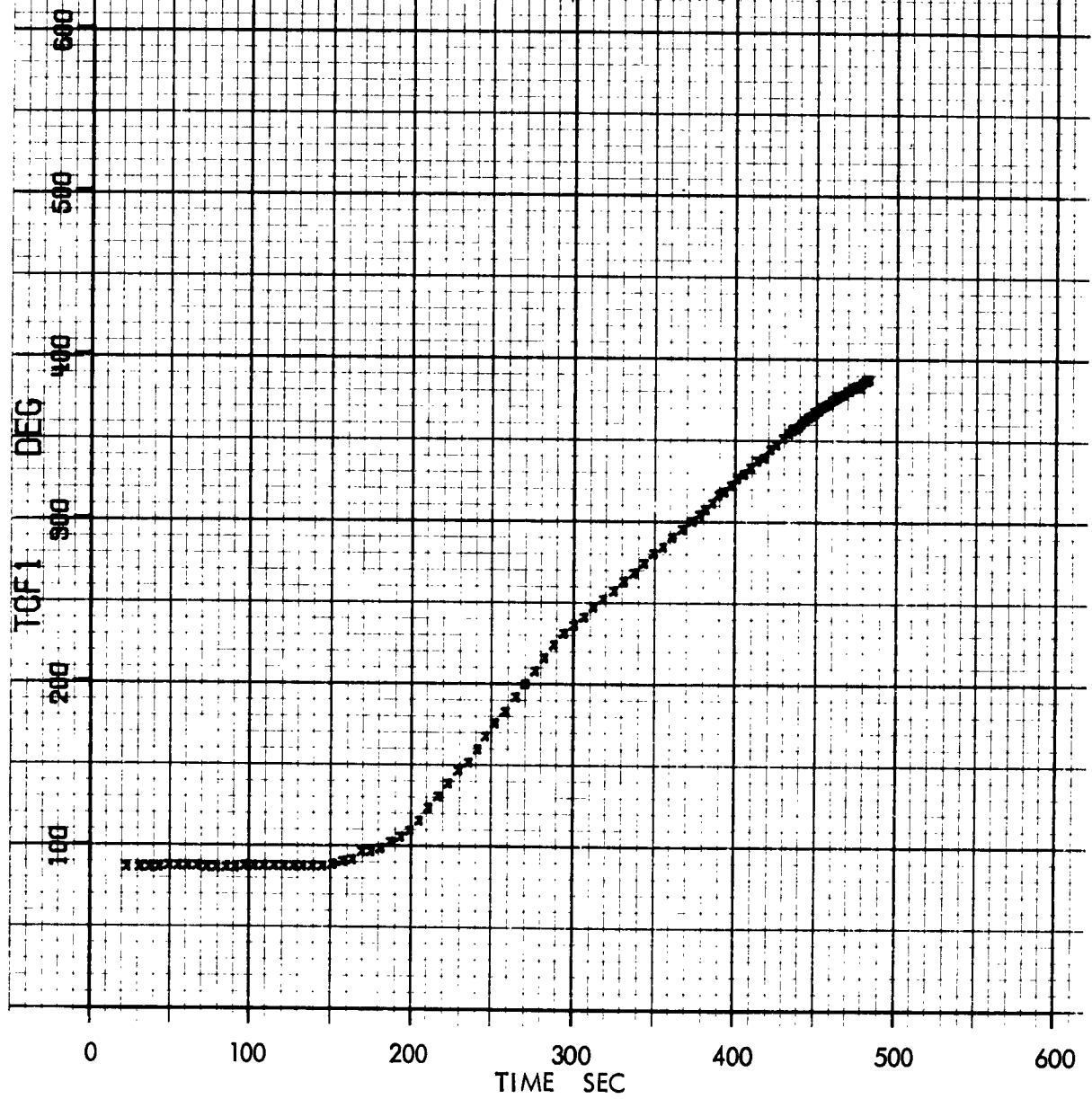


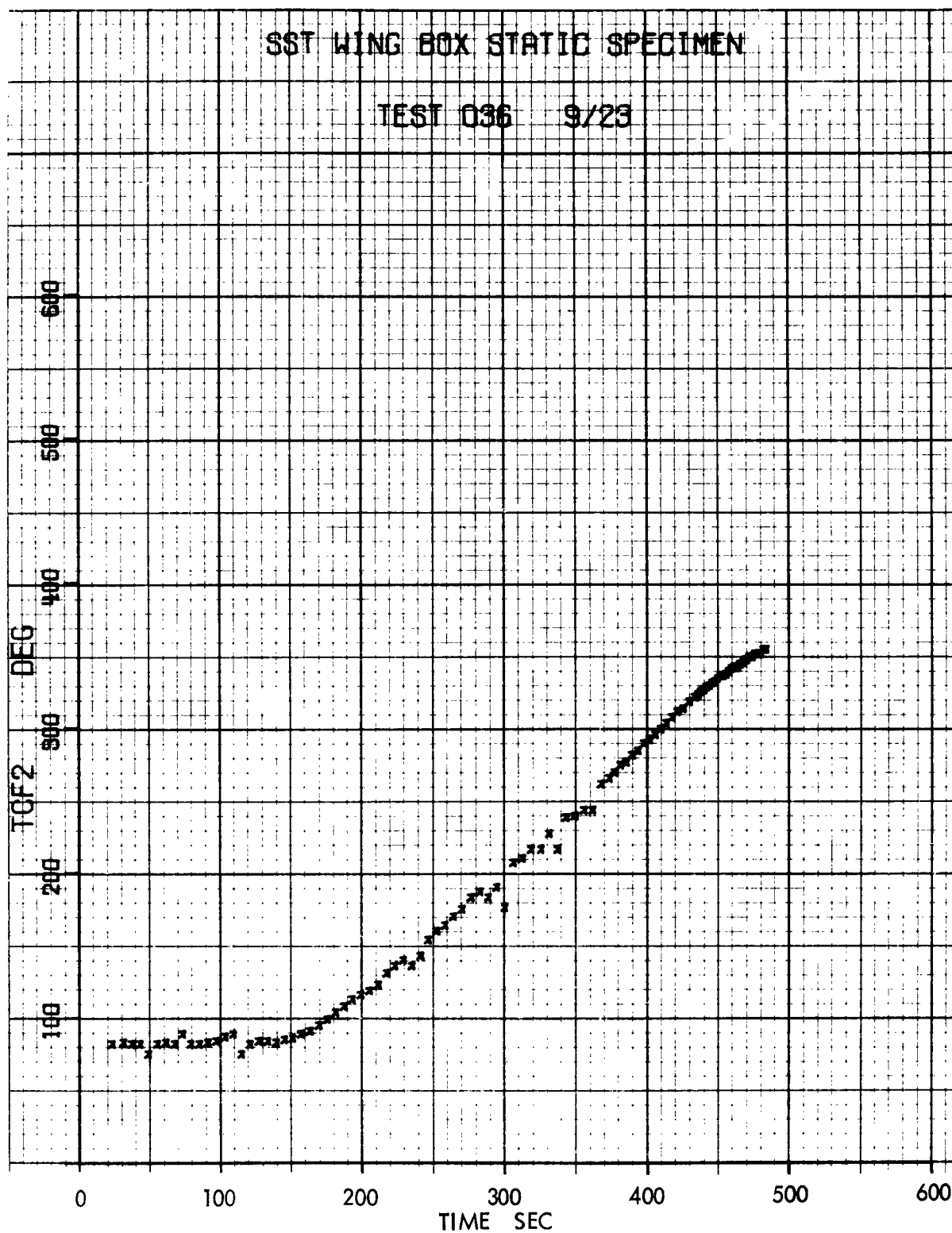




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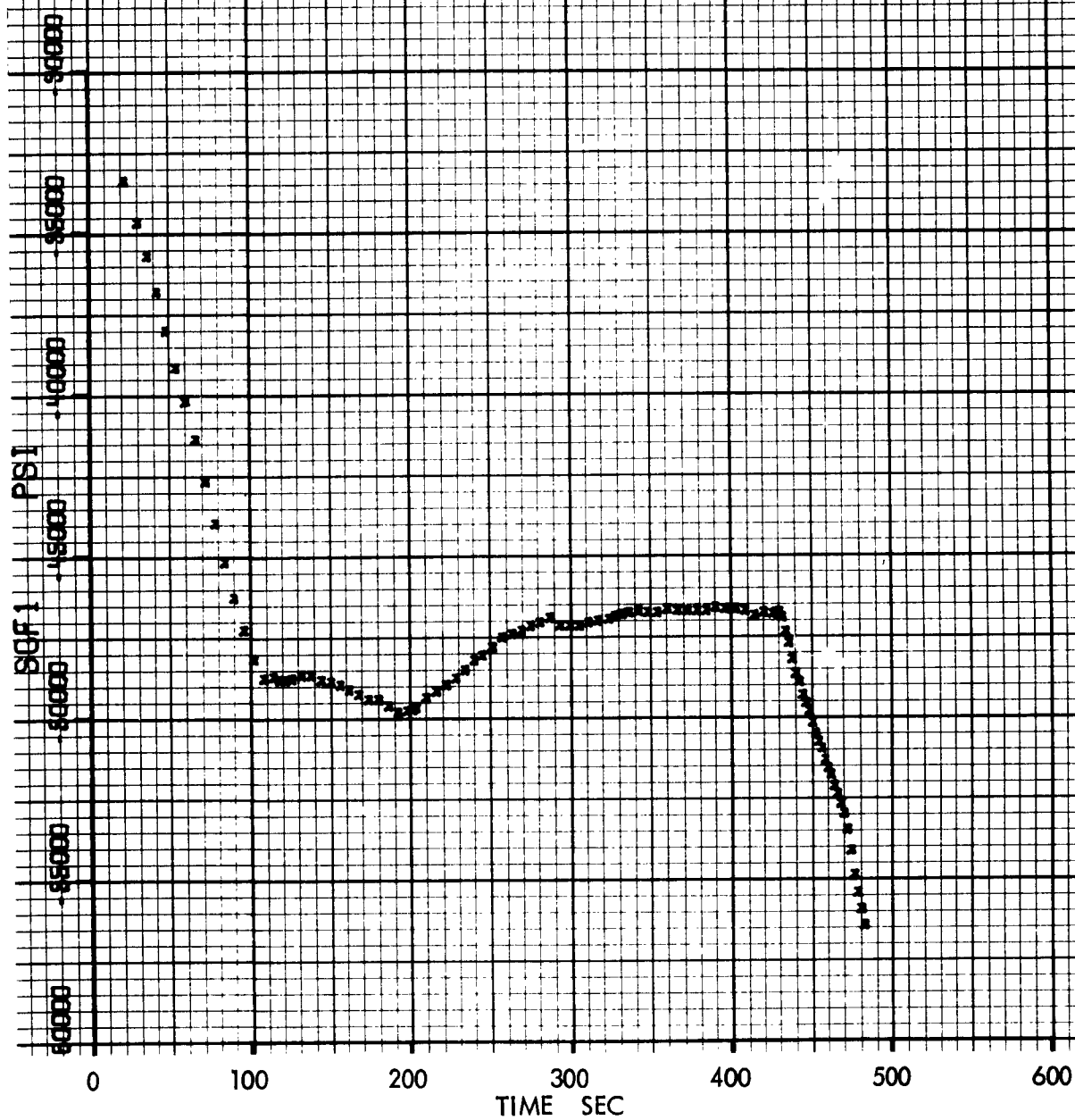
TEST 036 9/23





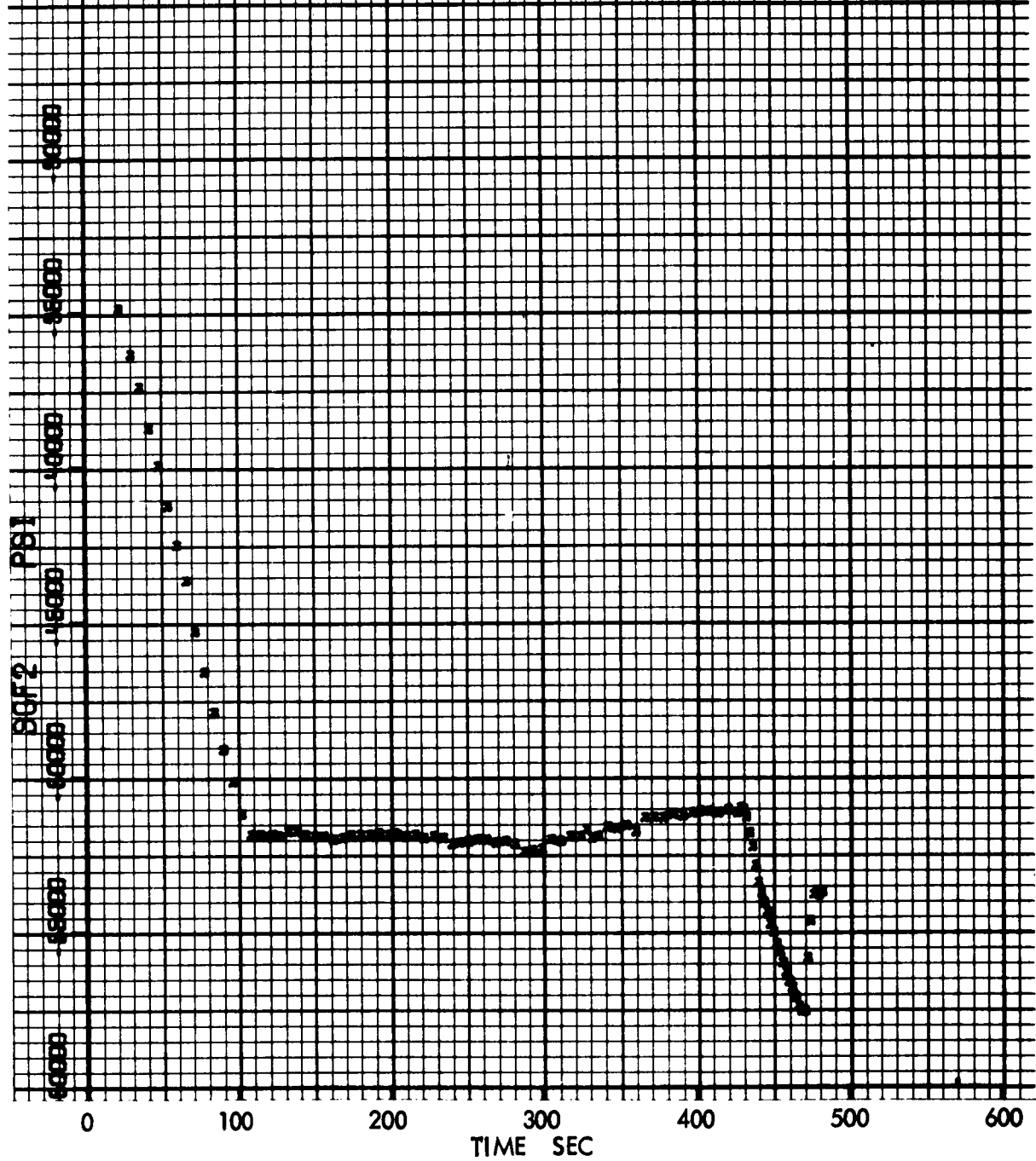
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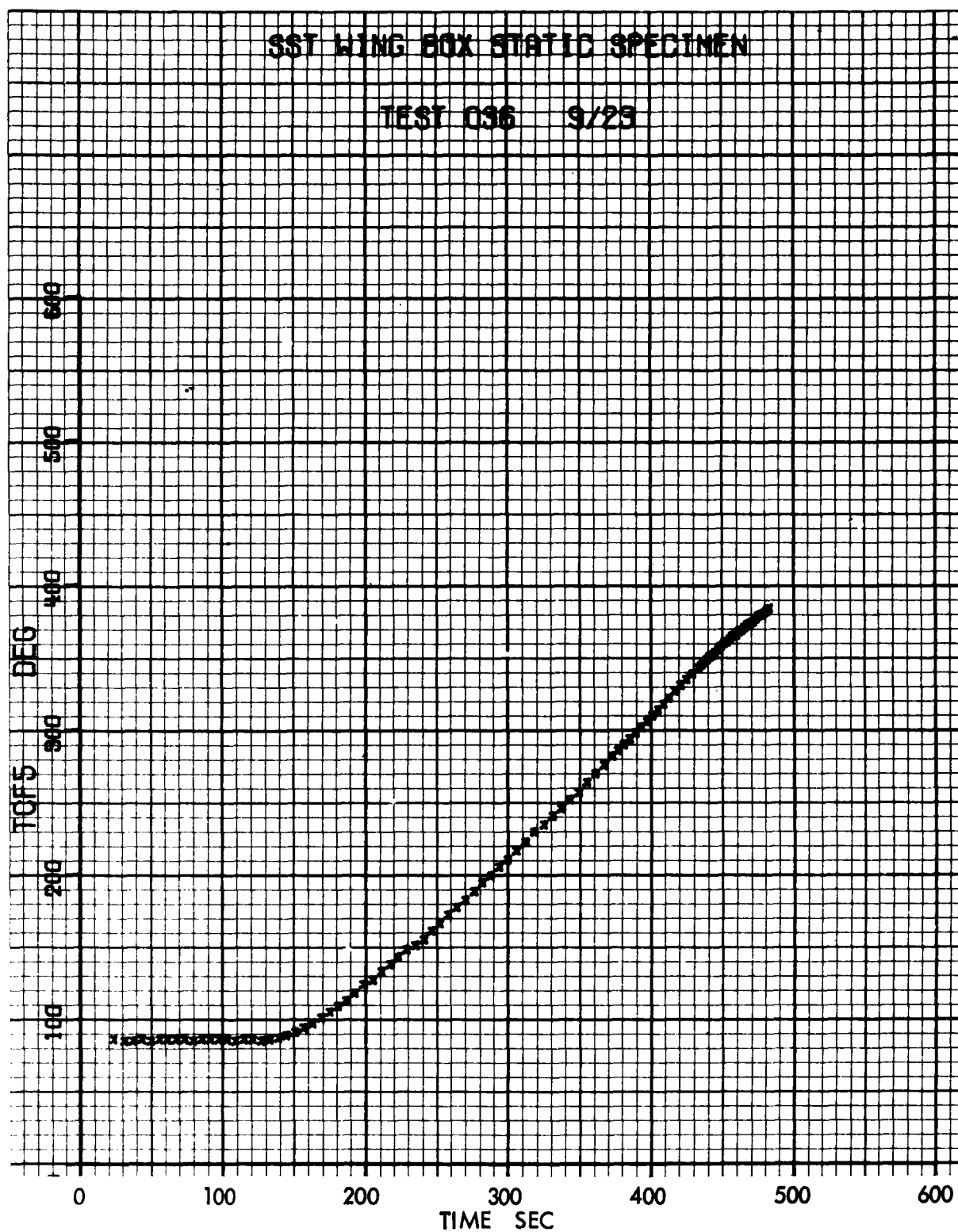
TEST 036 9/23

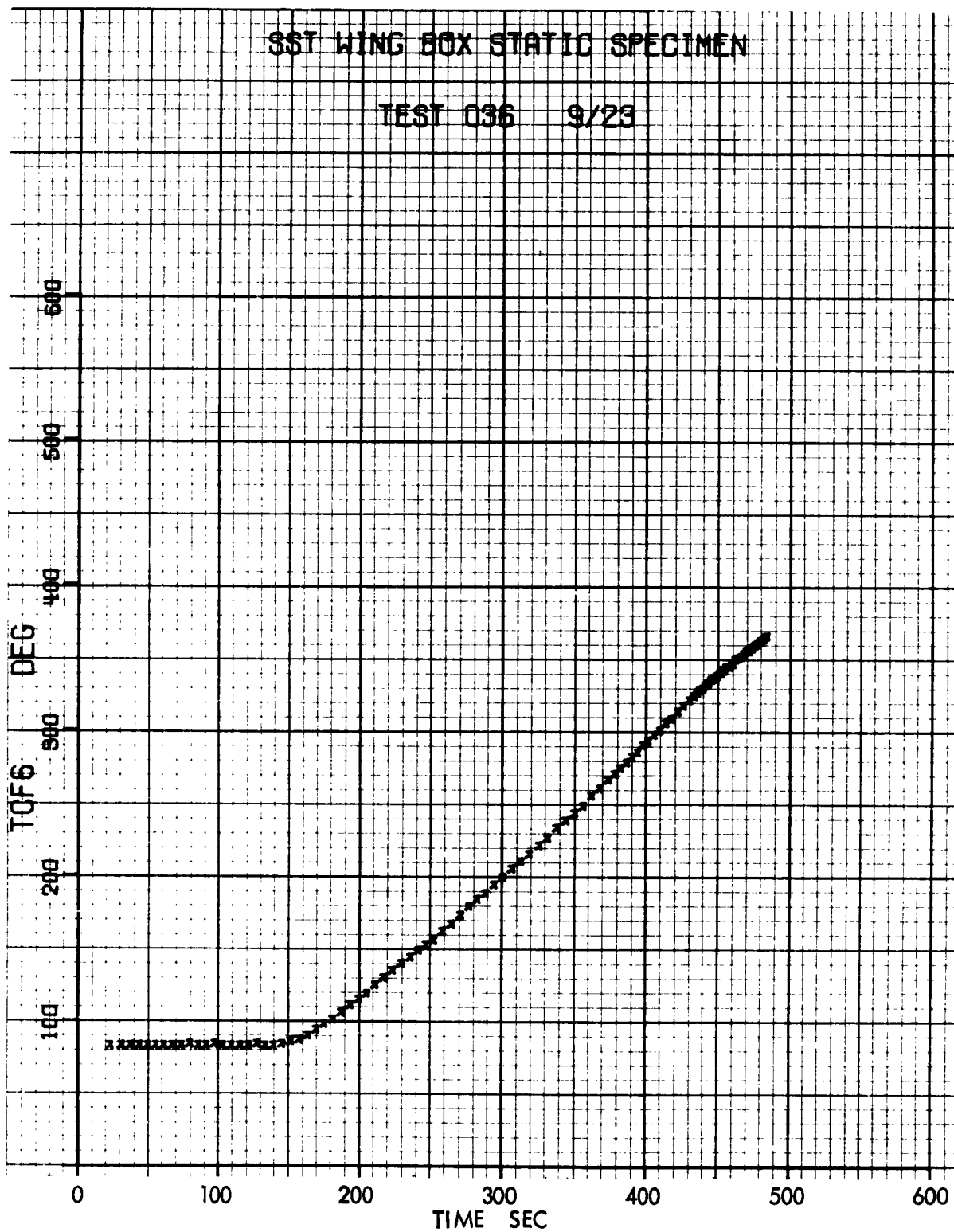


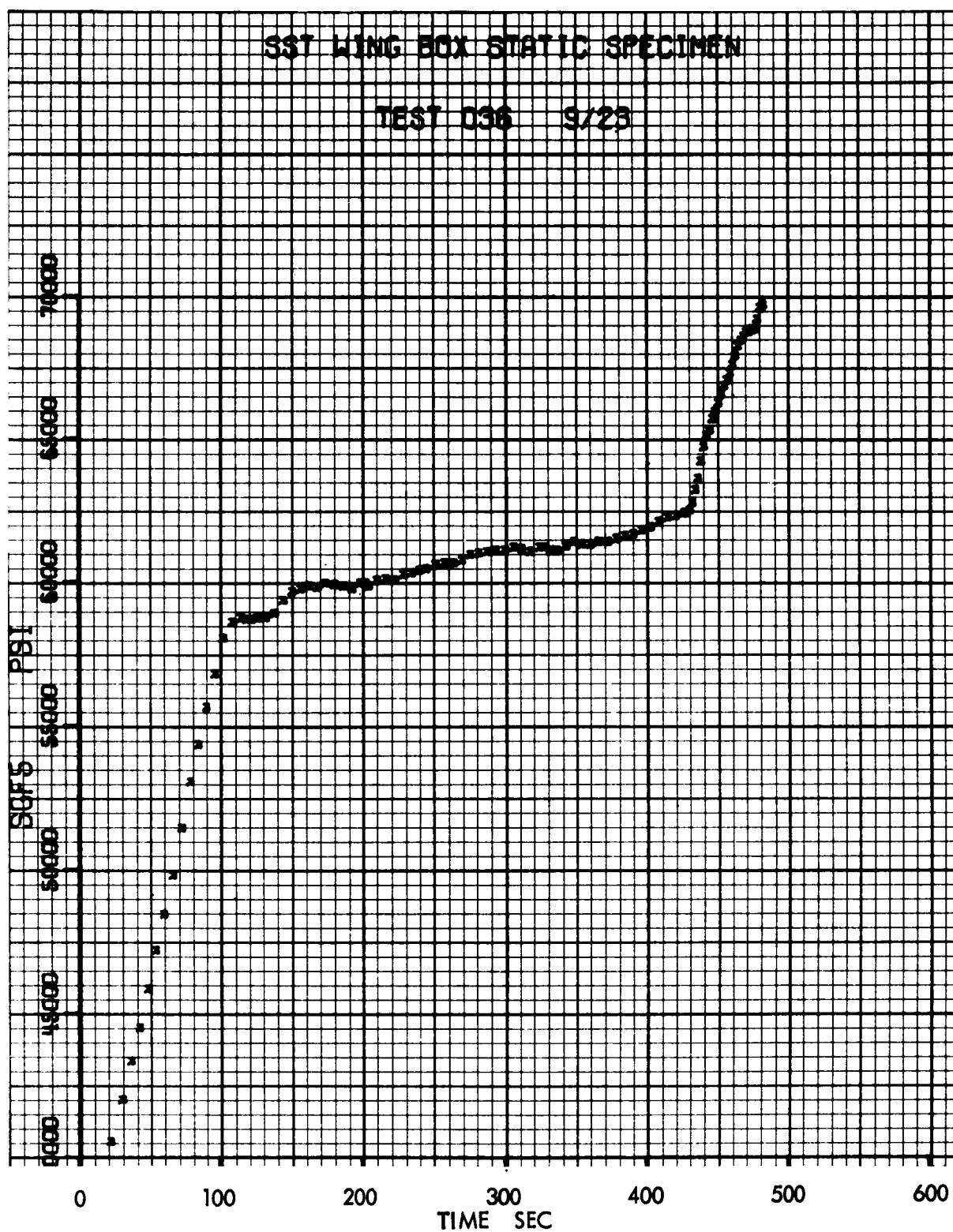
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



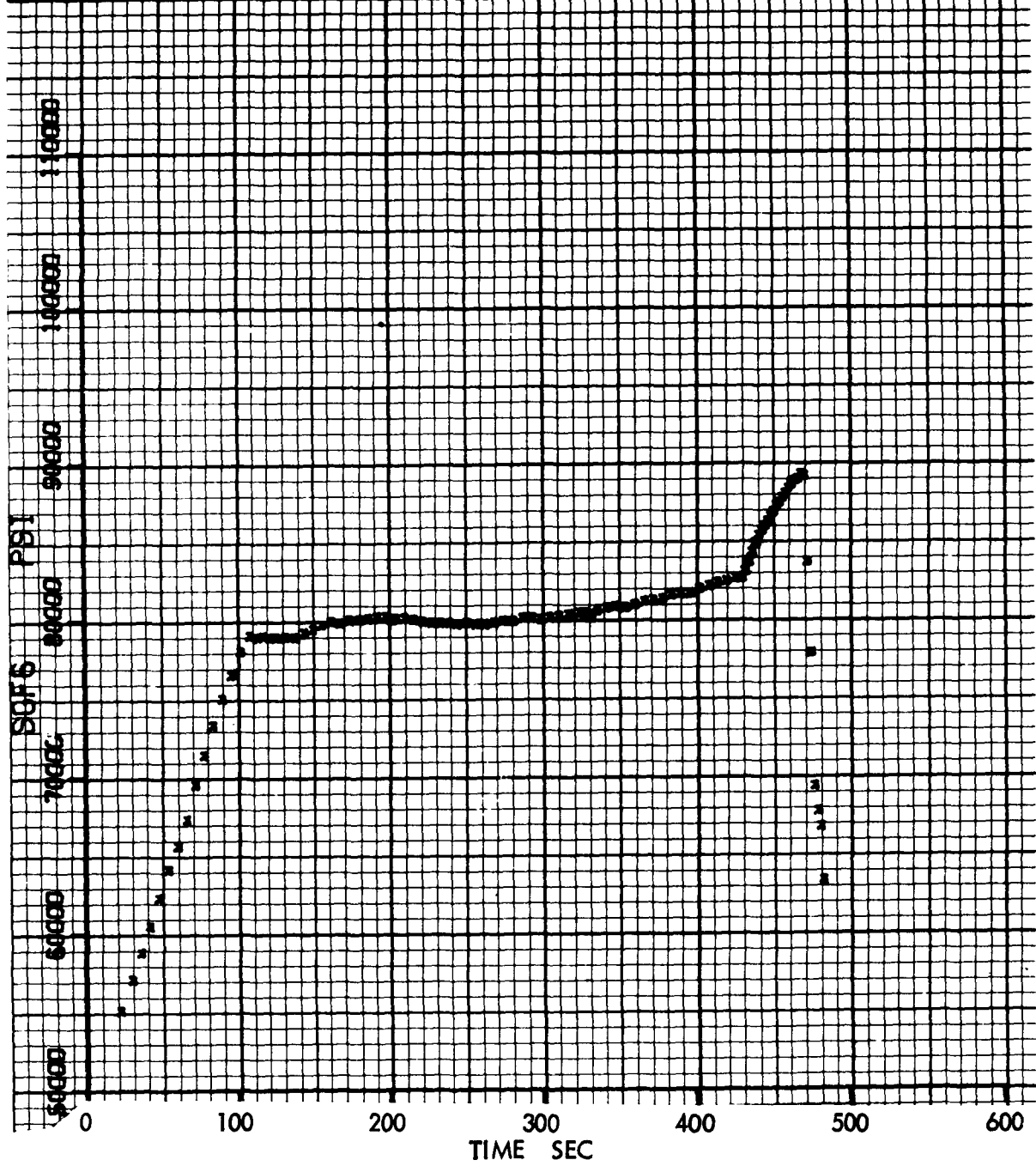






# SST LING BOX STATIC SPECIMEN

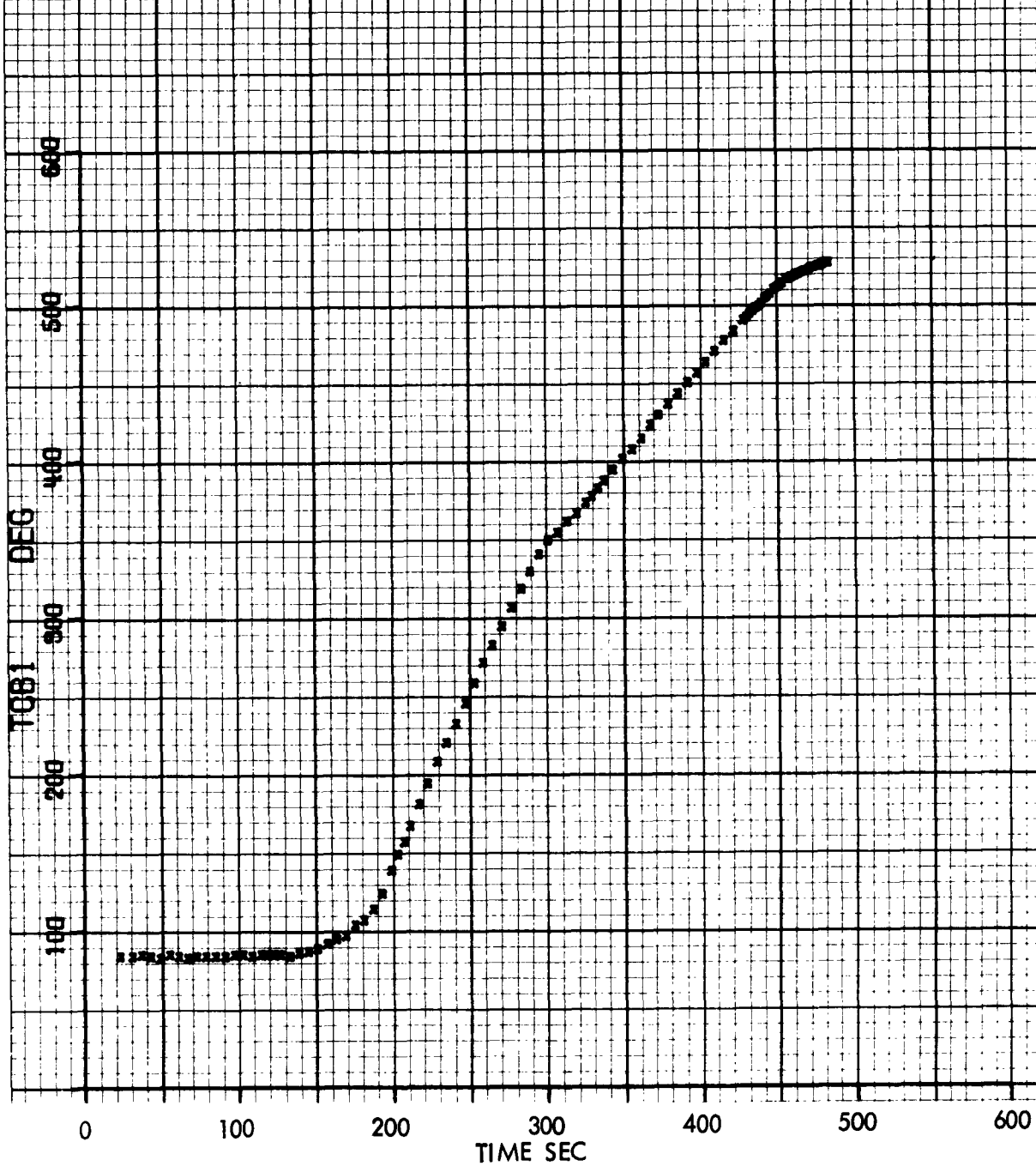
TEST 036 9/28





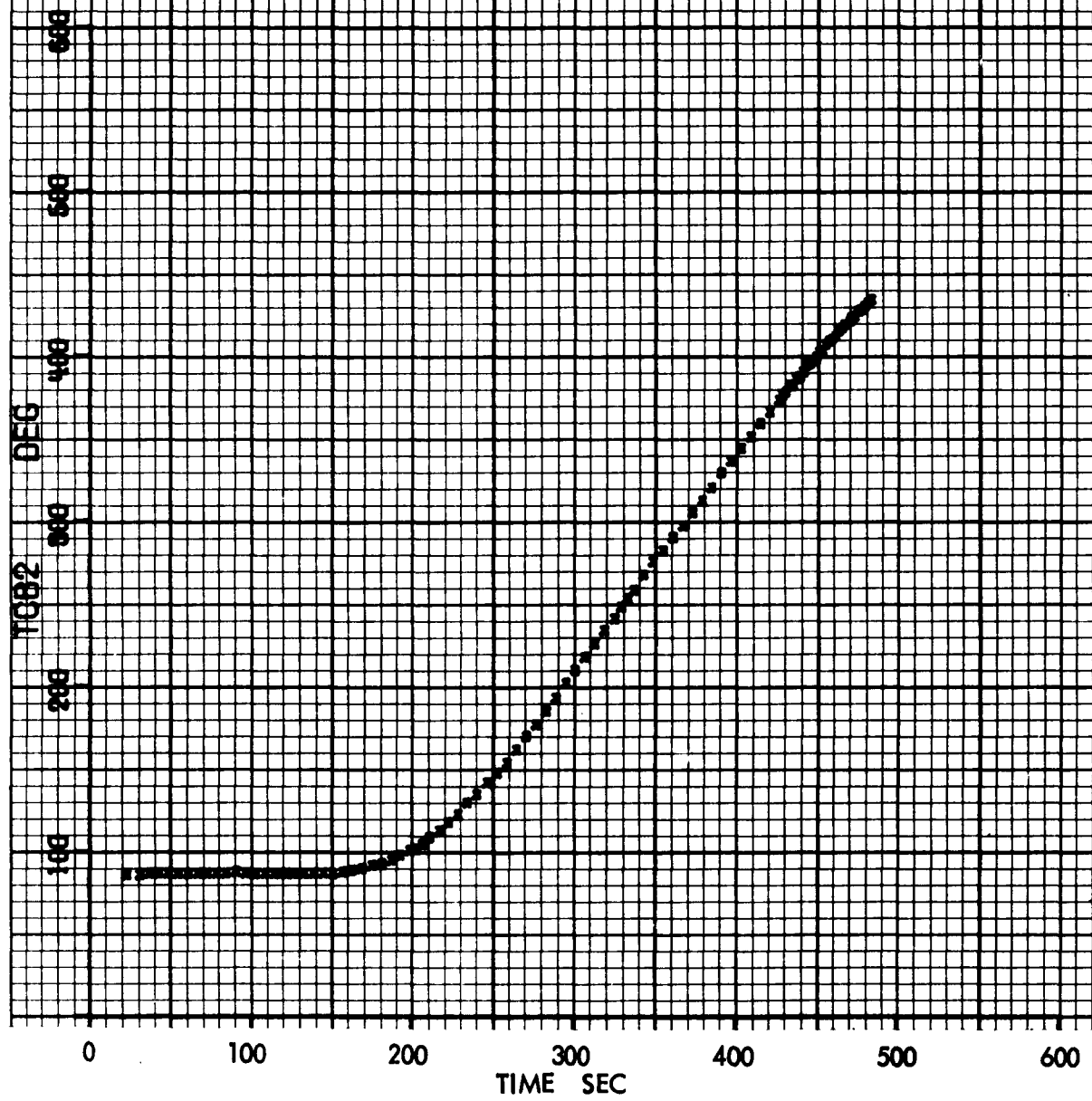
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



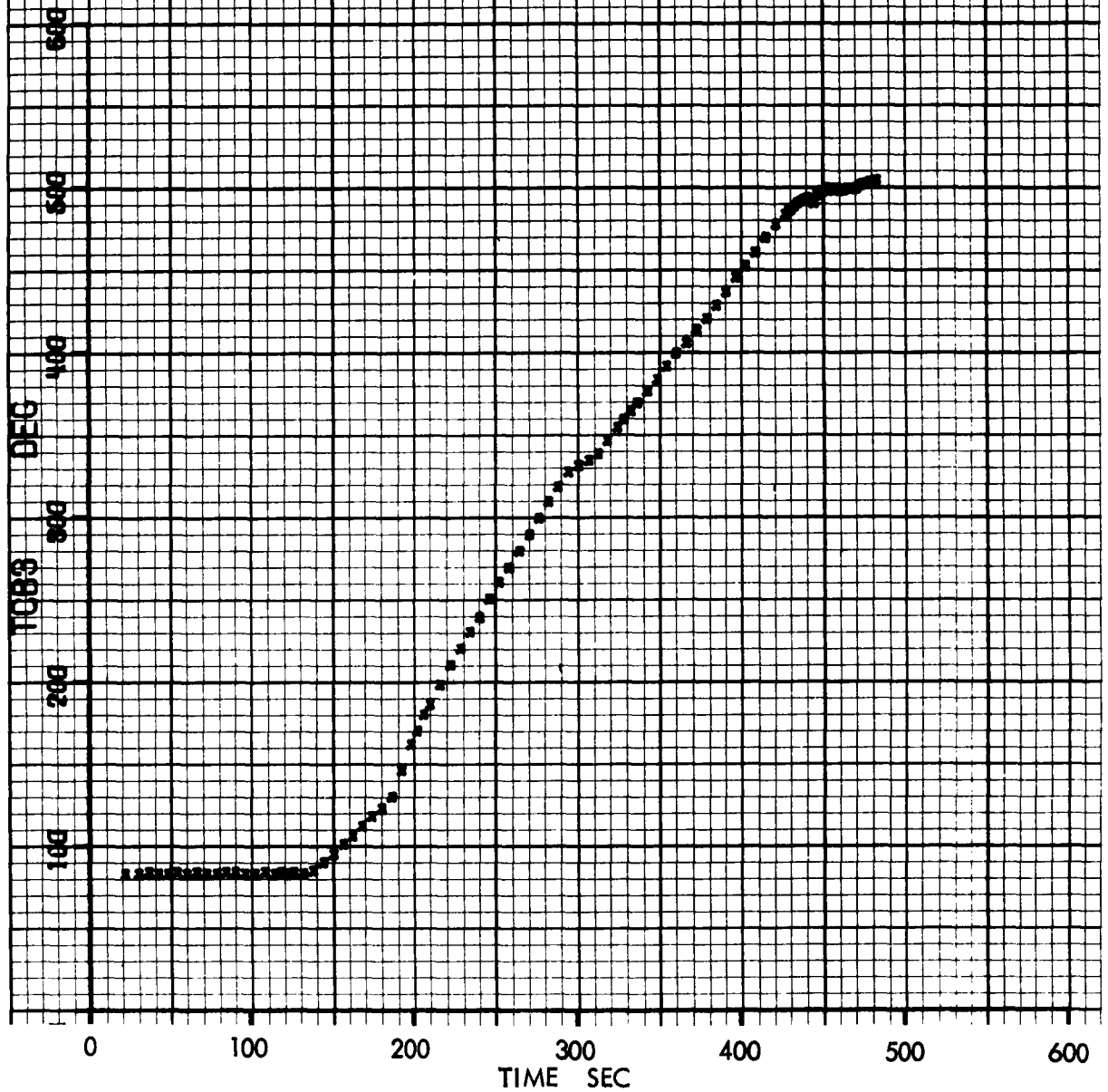
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TEST 036 9/23



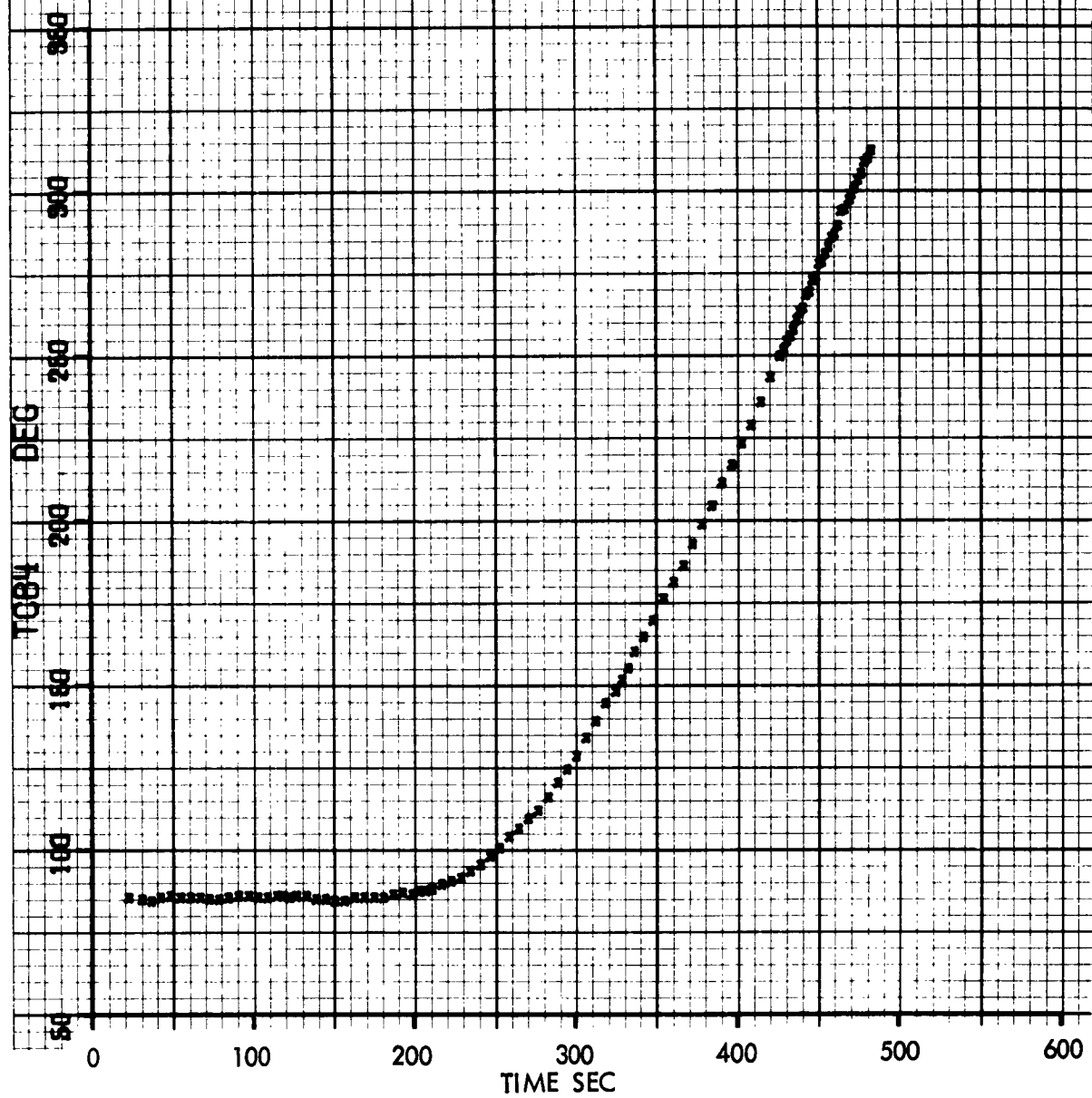
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



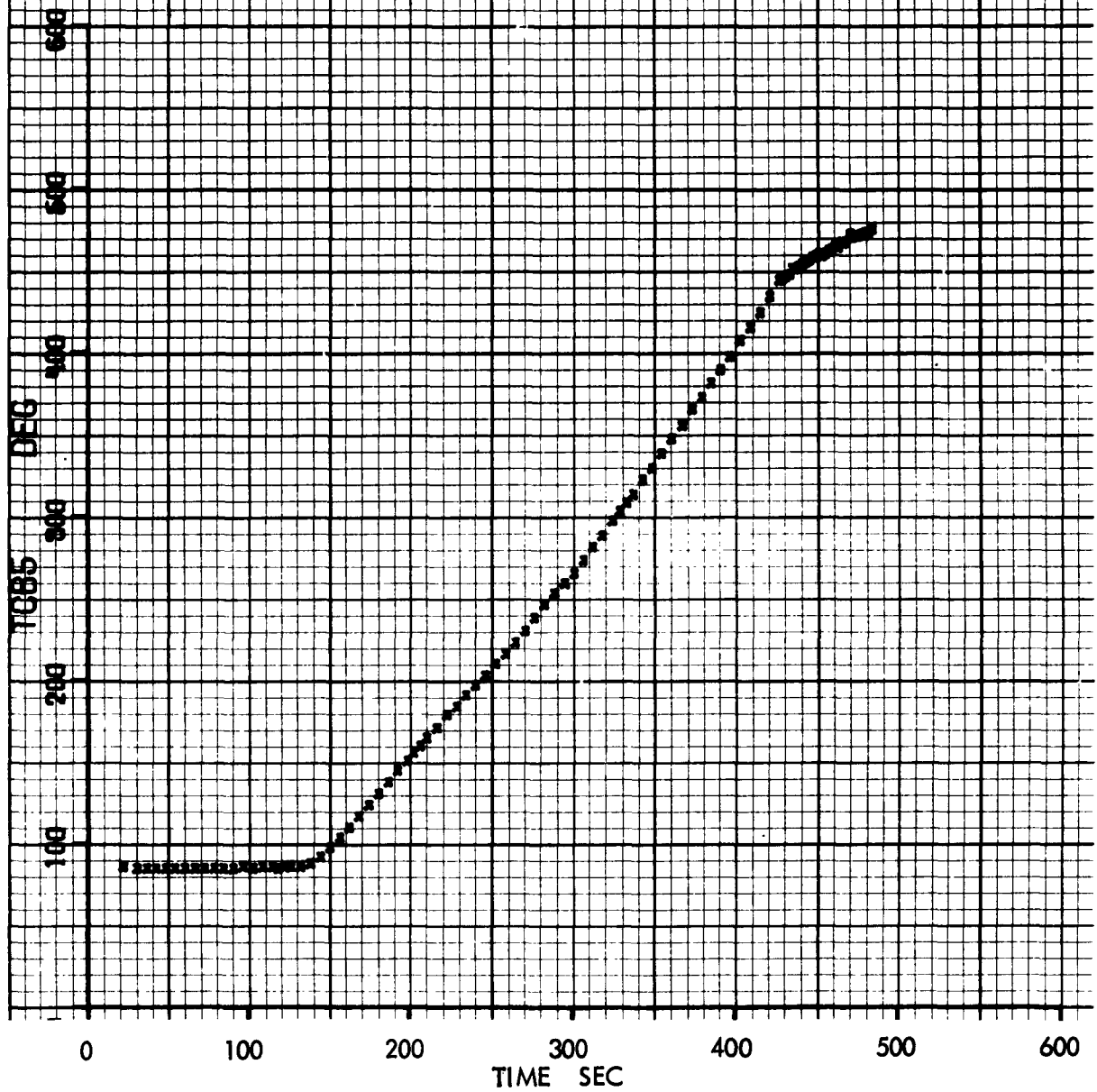
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



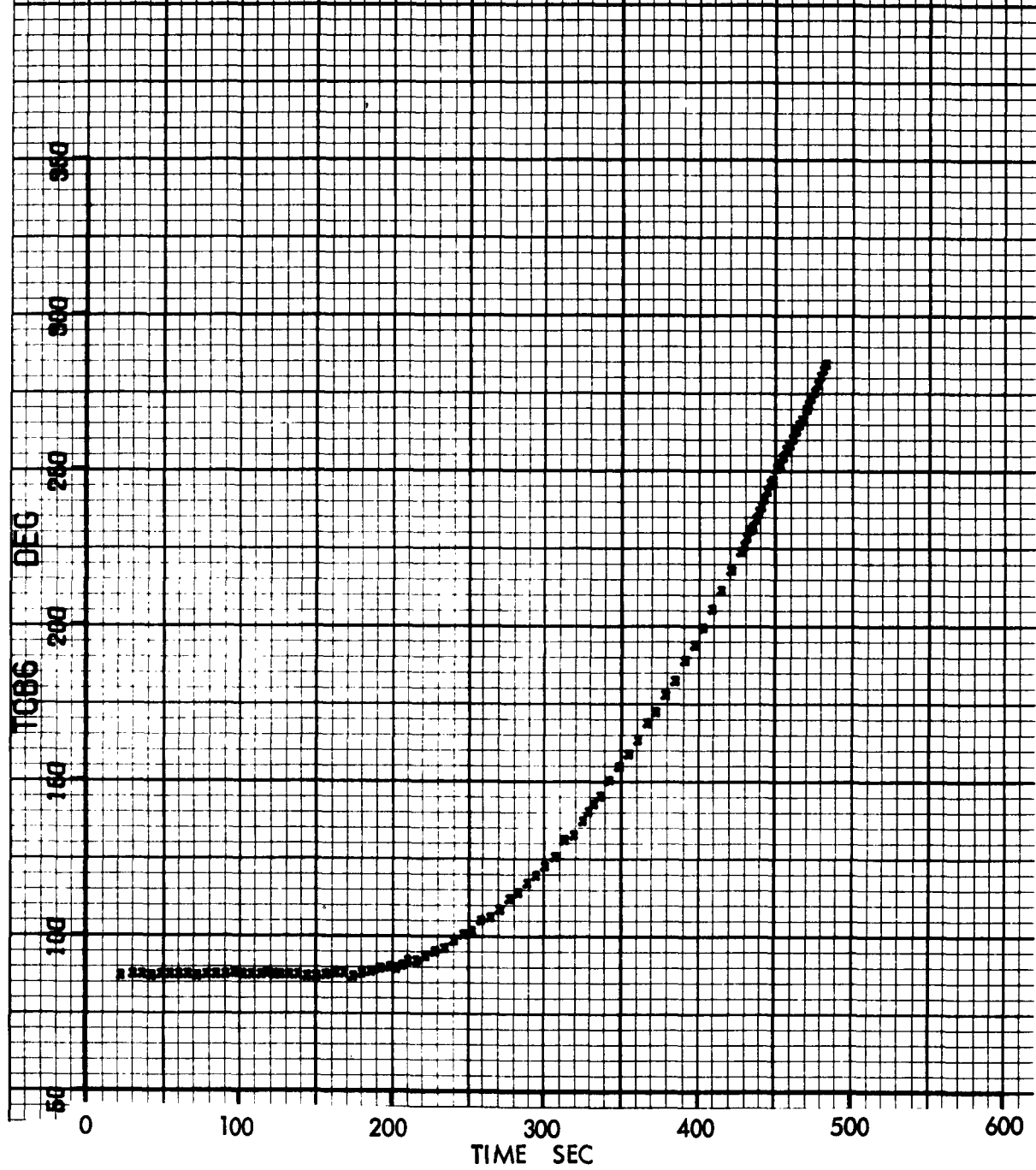
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



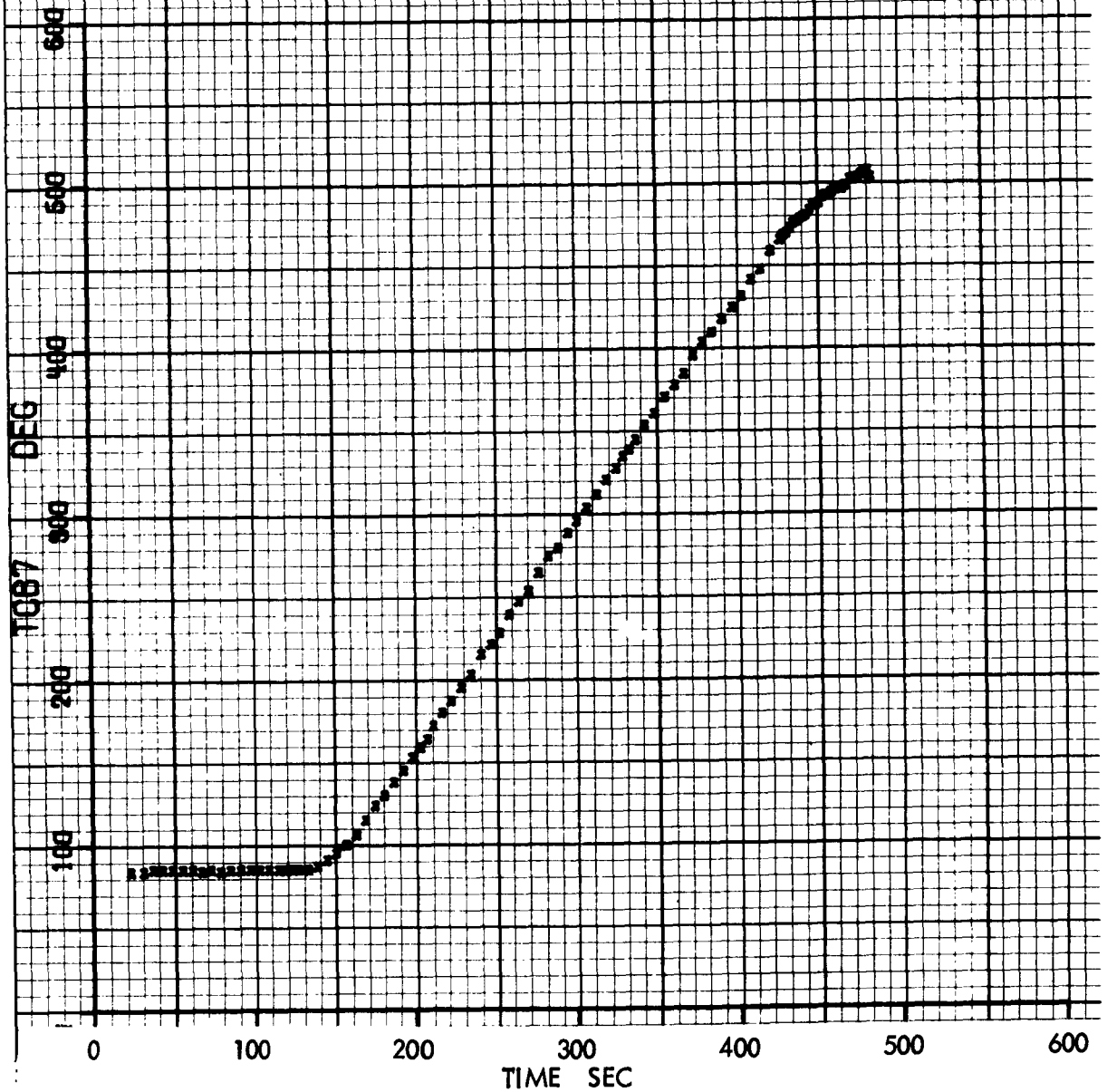
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TEST 036 9/23



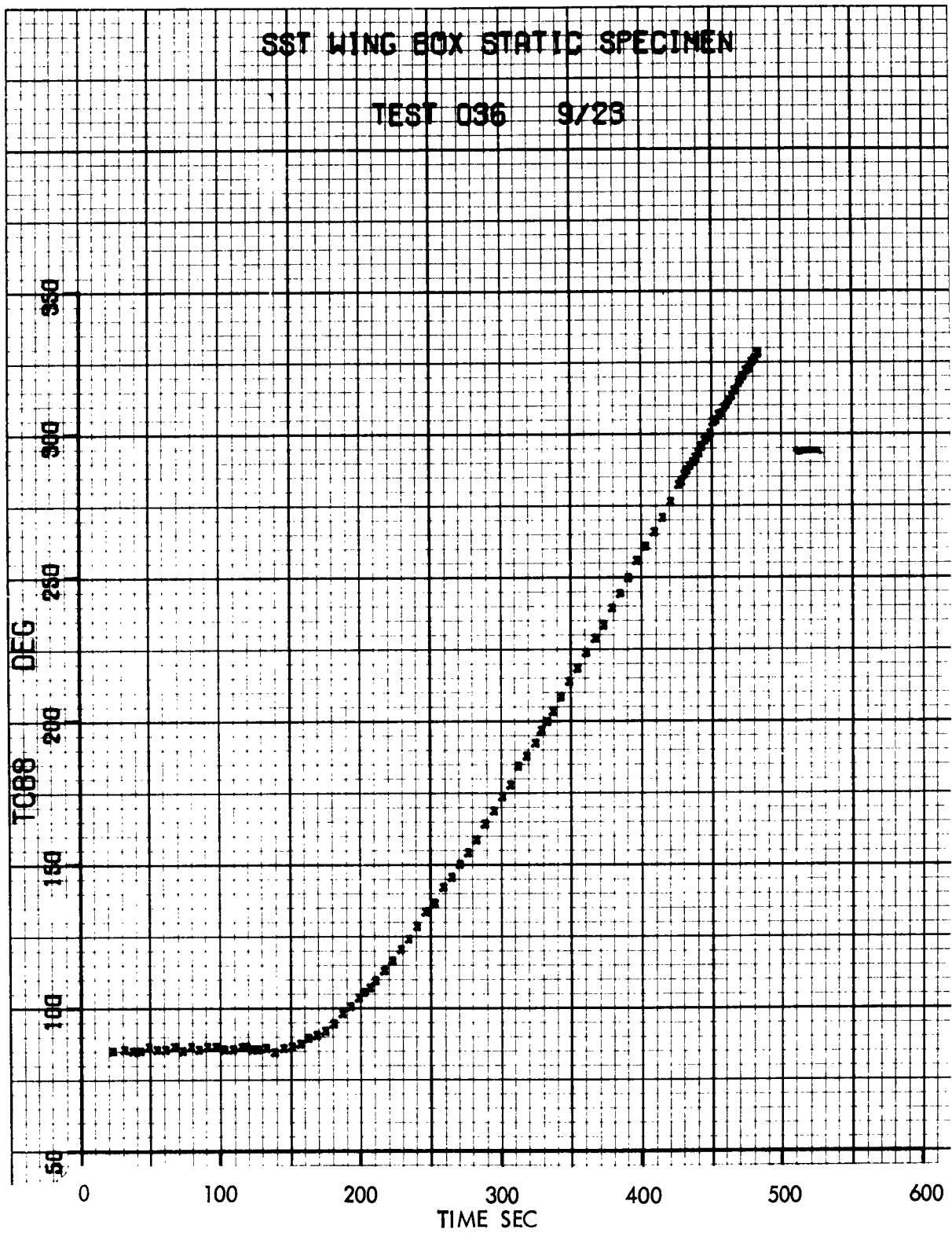
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

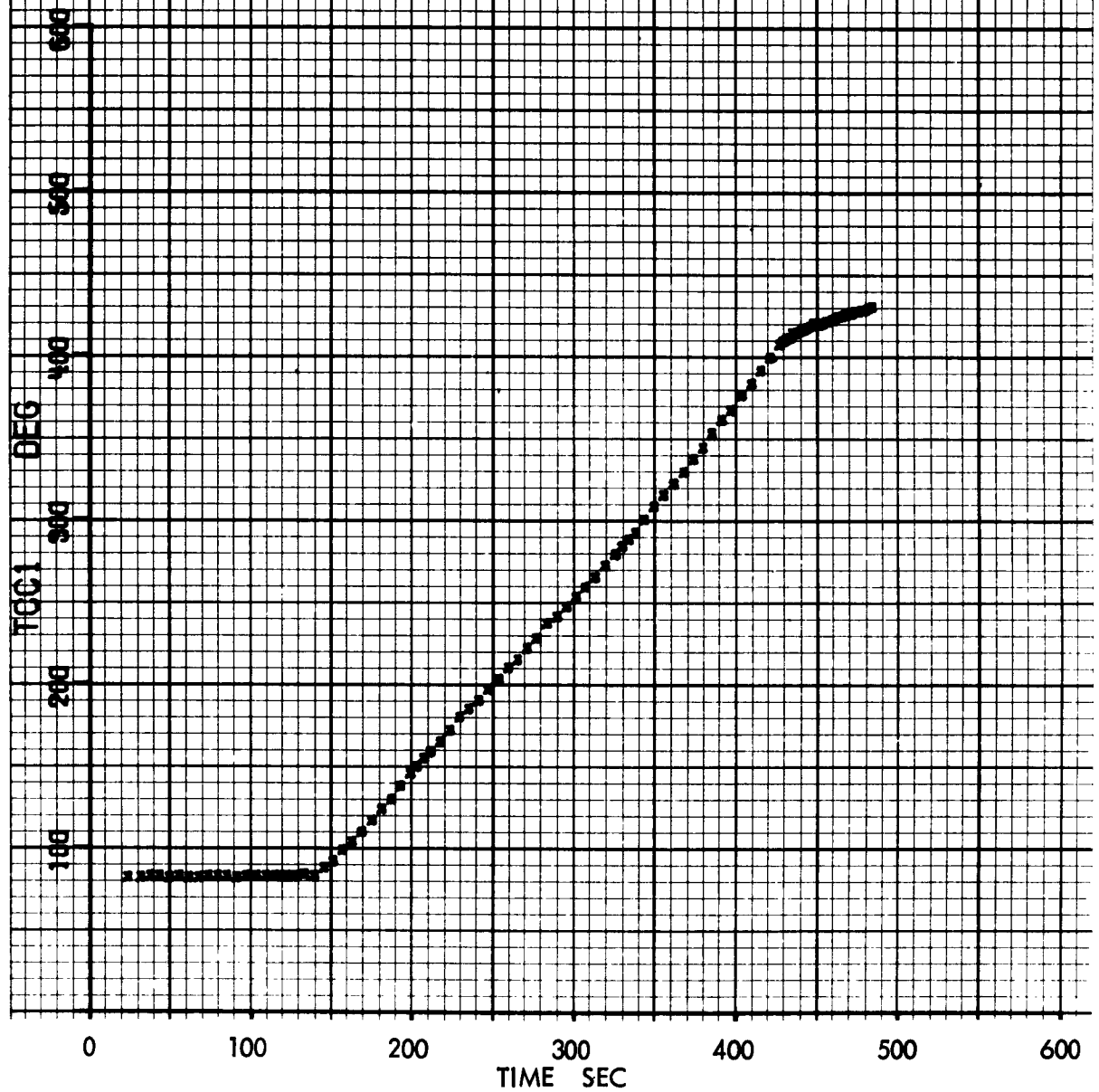
TEST 036 9/23





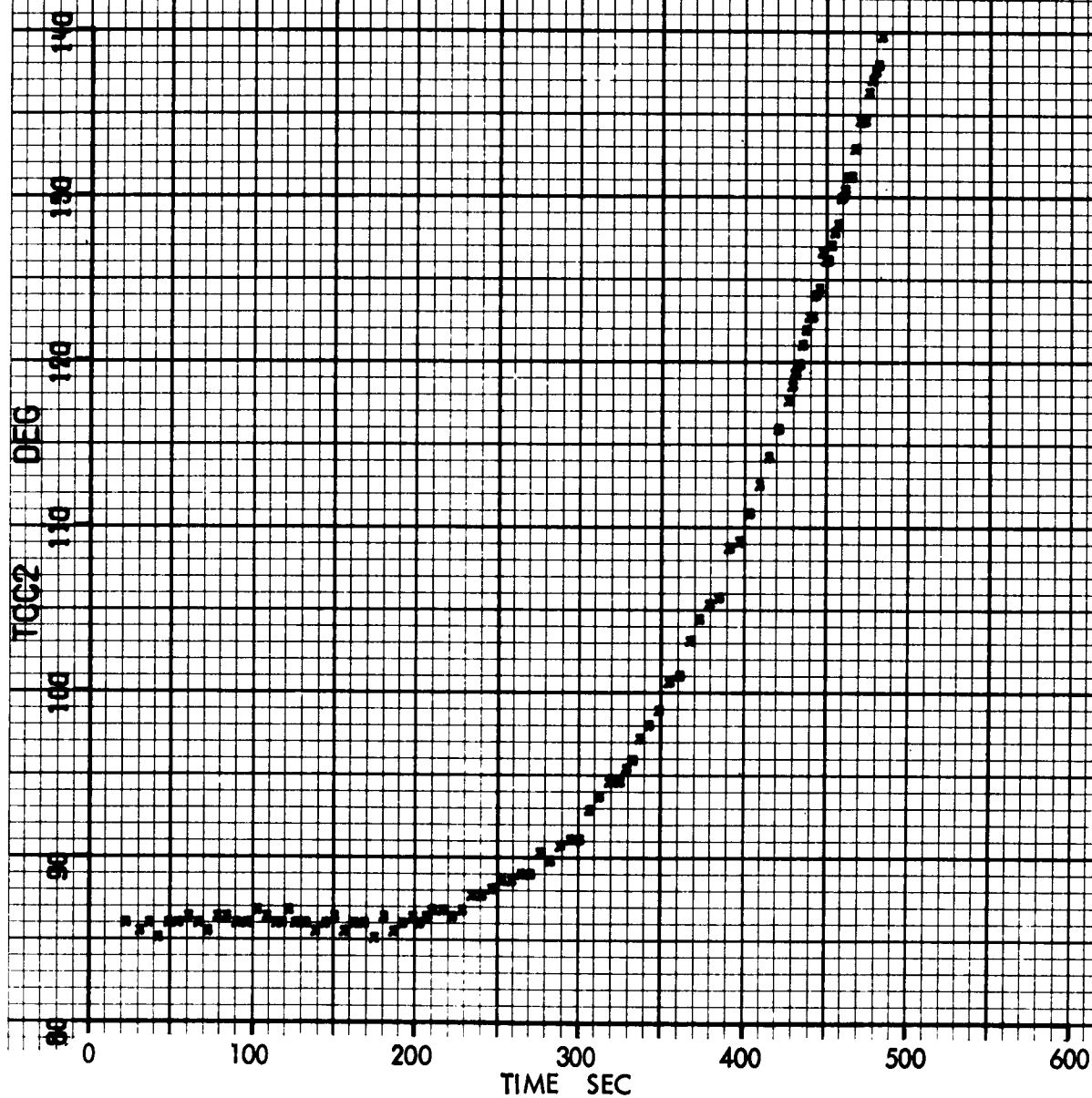
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



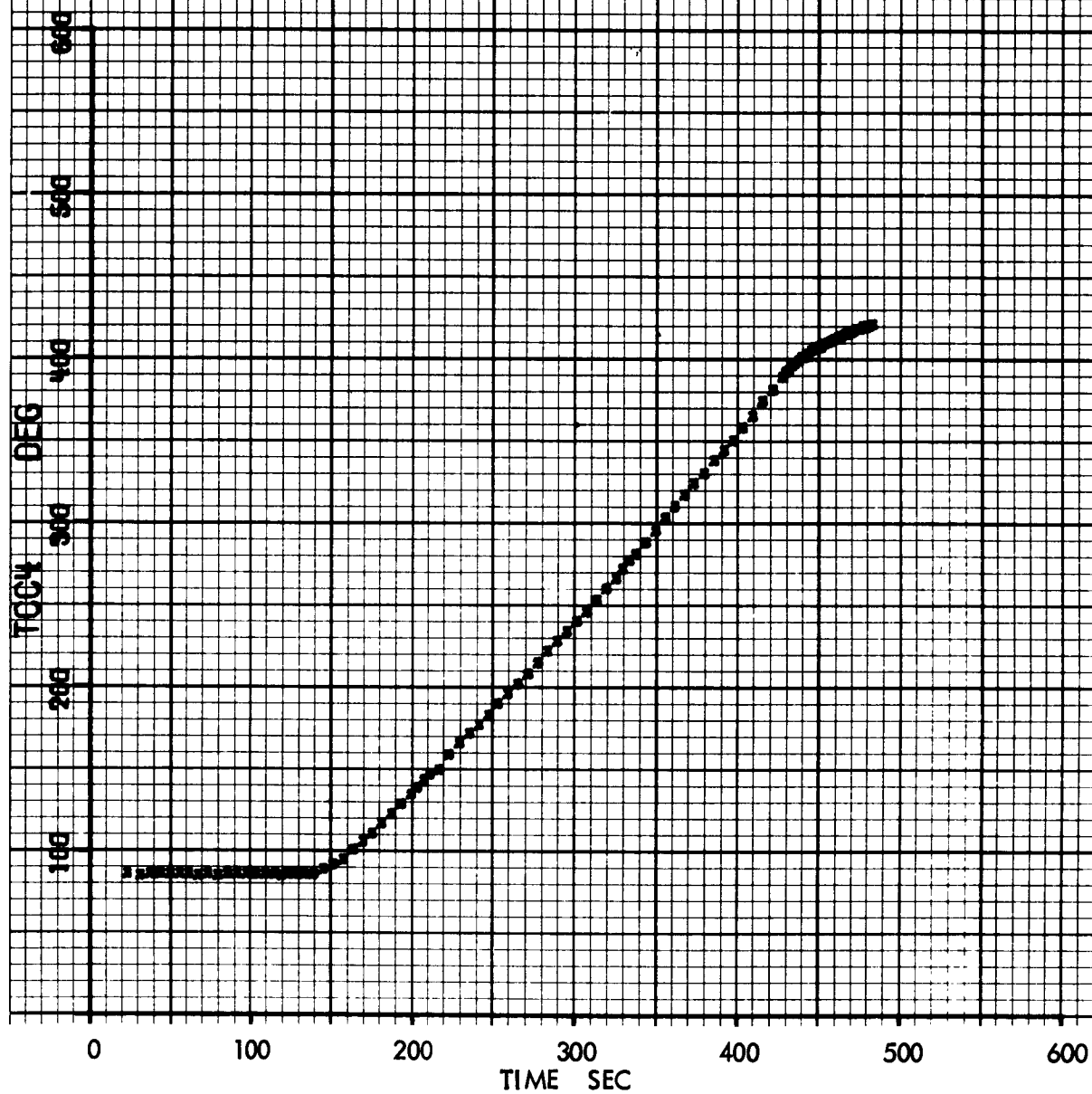
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TEST 036 9/23



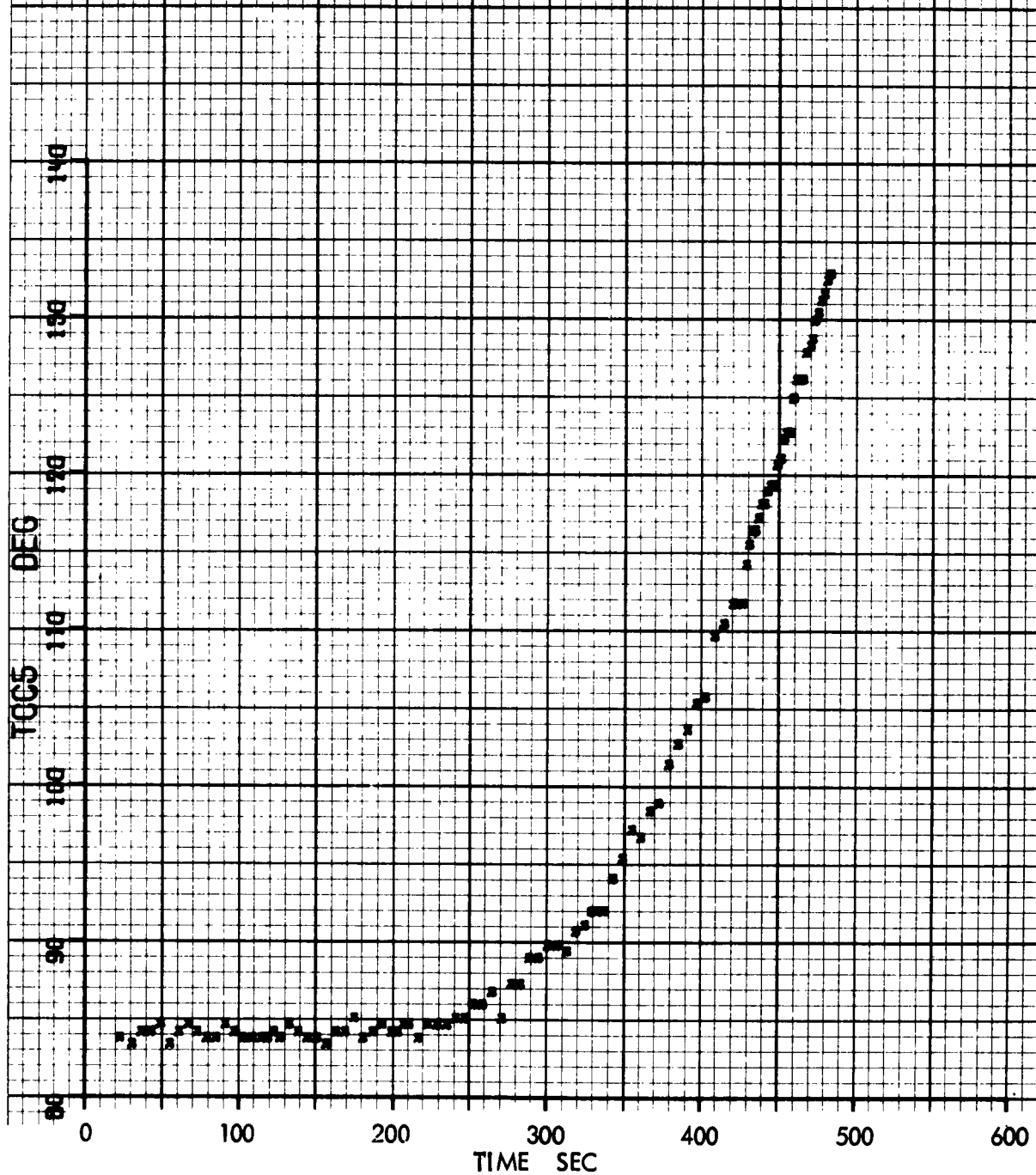
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



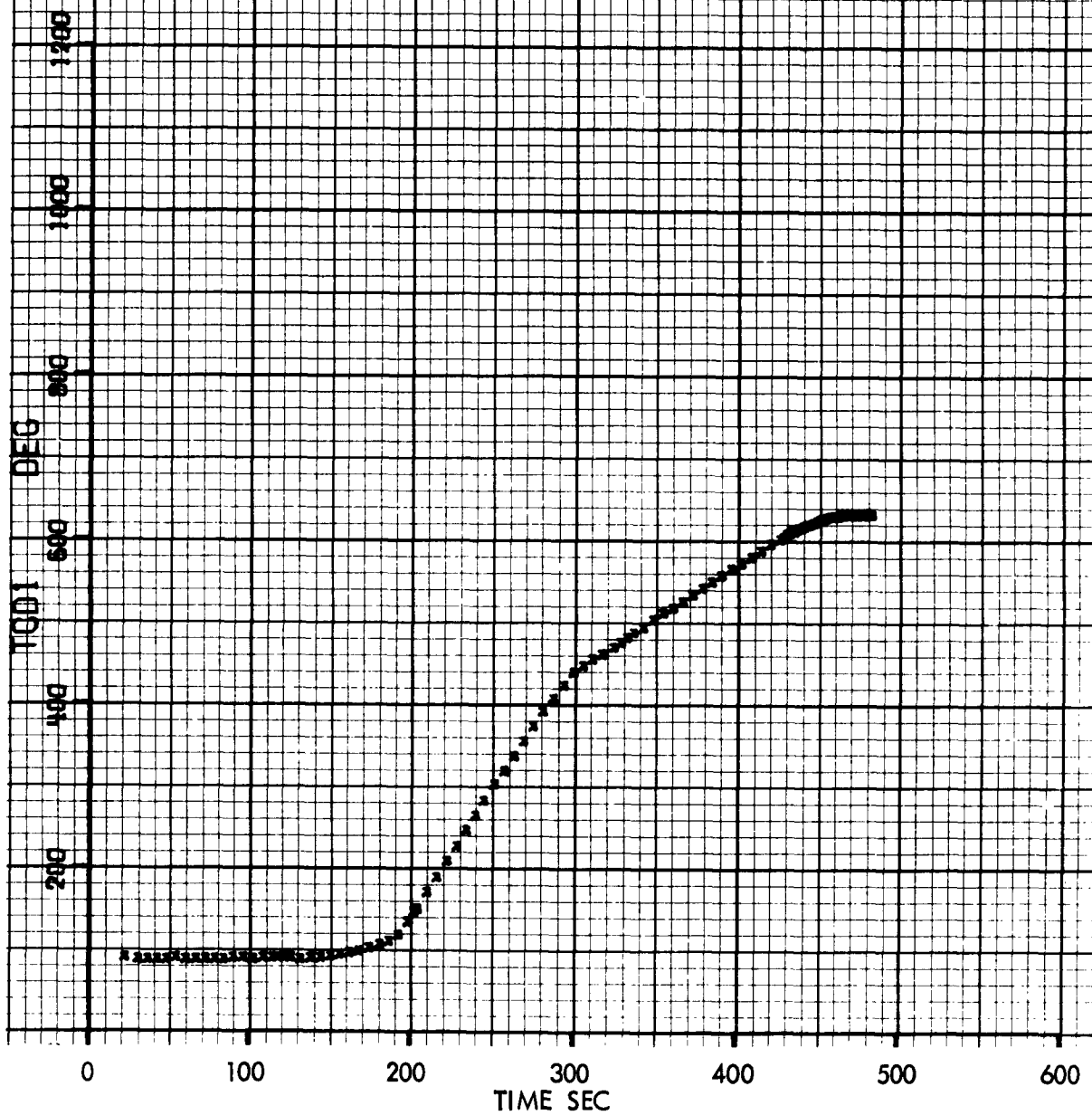
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TEST 036 9/23



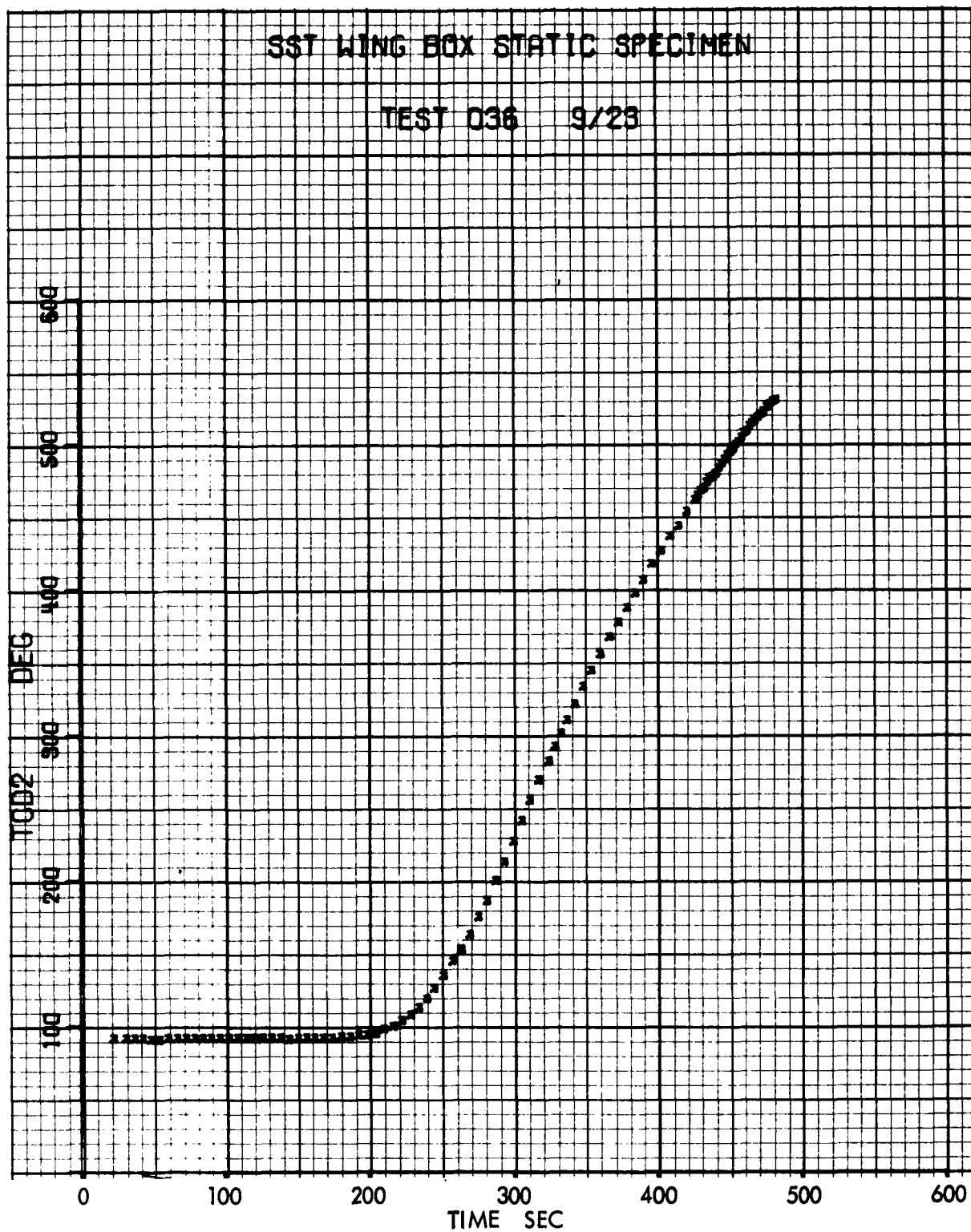
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



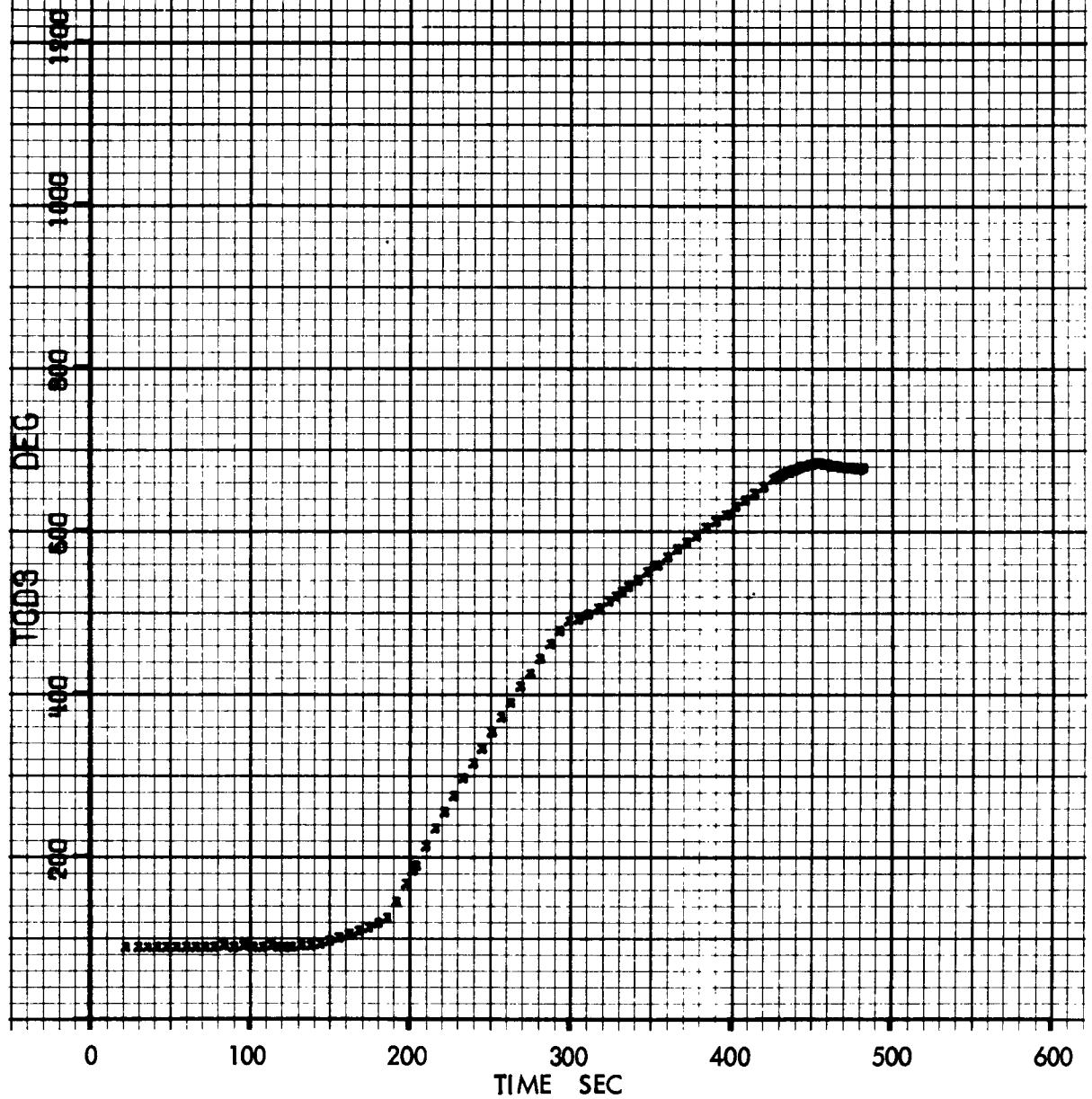
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TEST 036 9/23



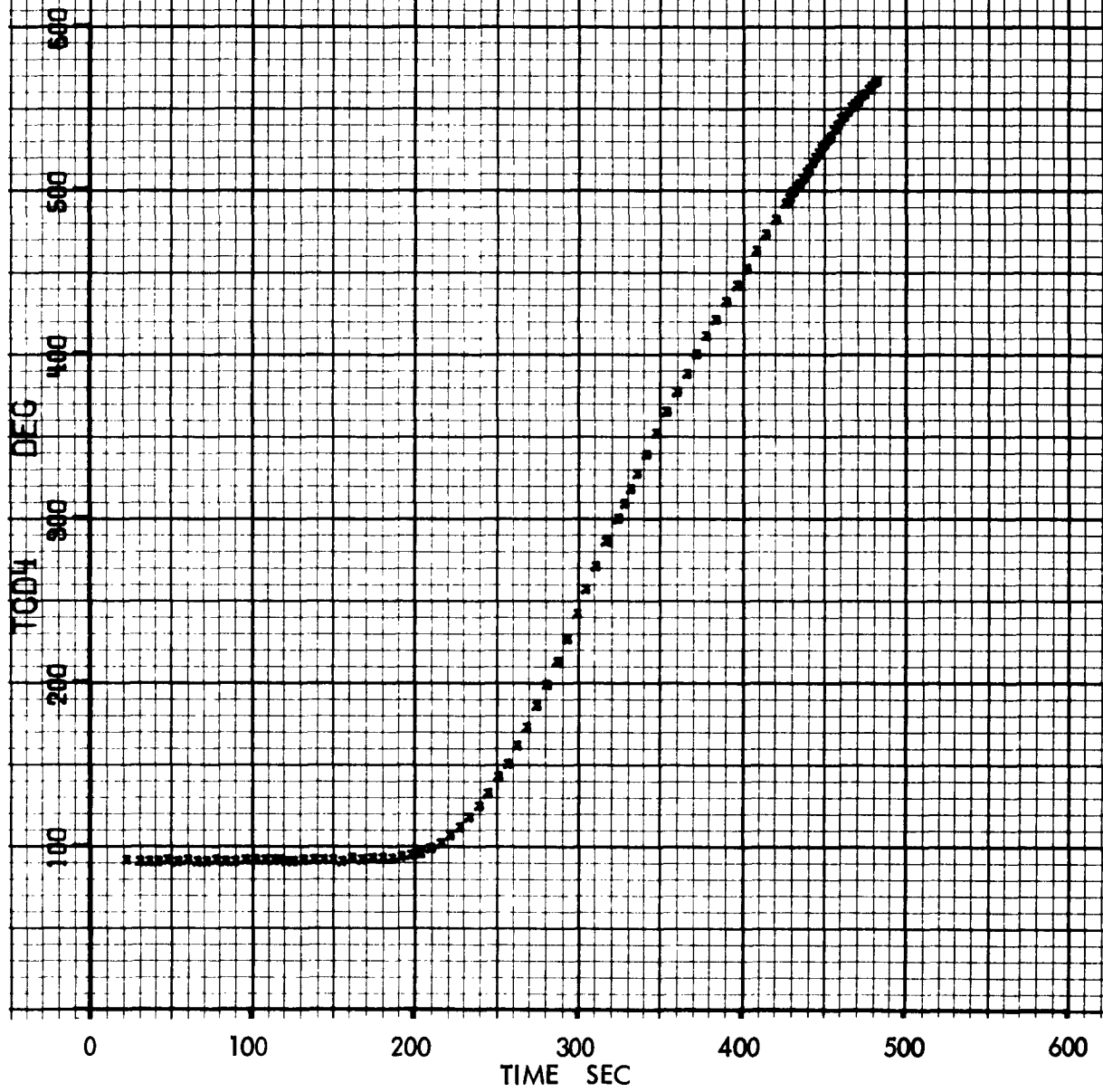
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

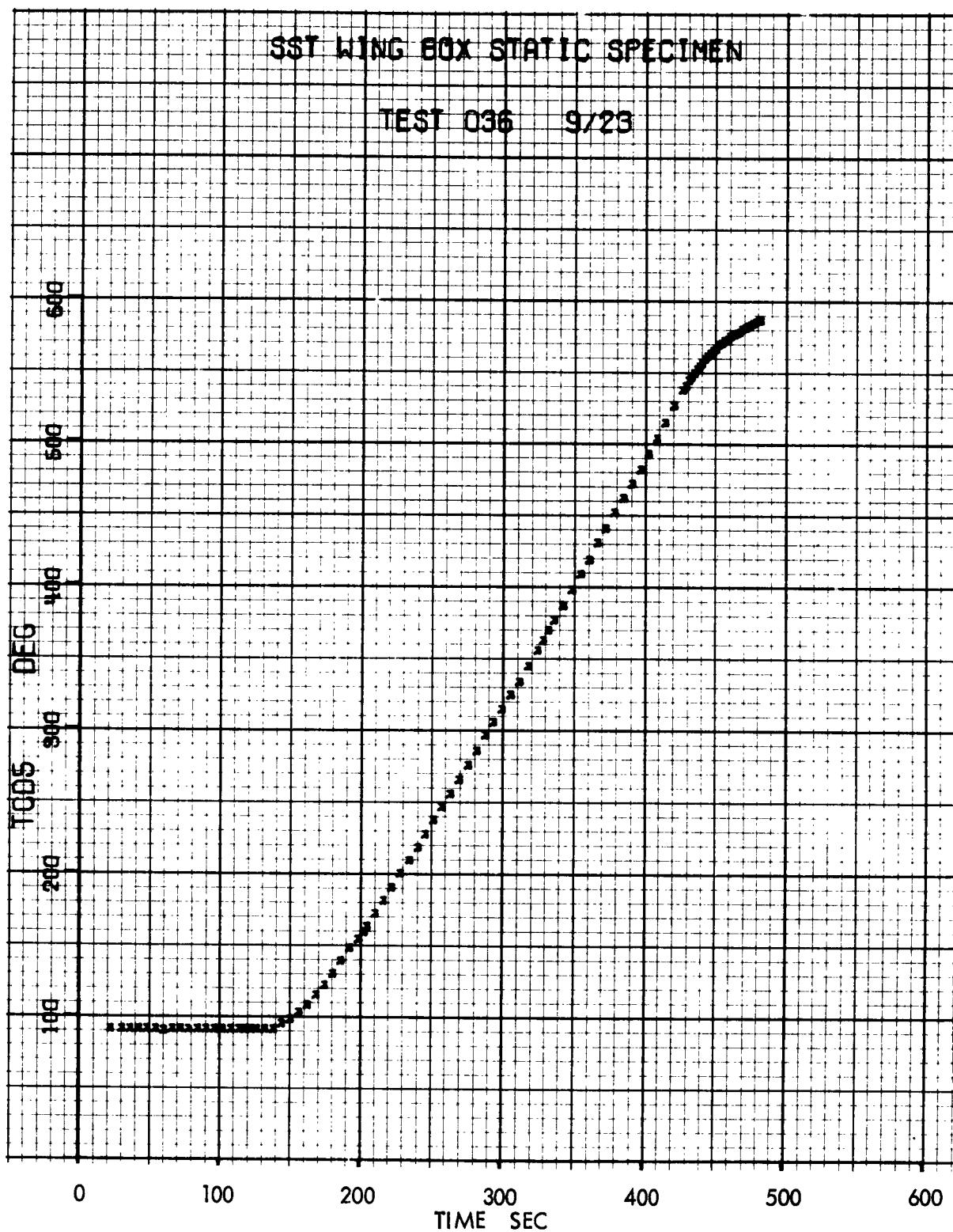
TEST 036 9/23





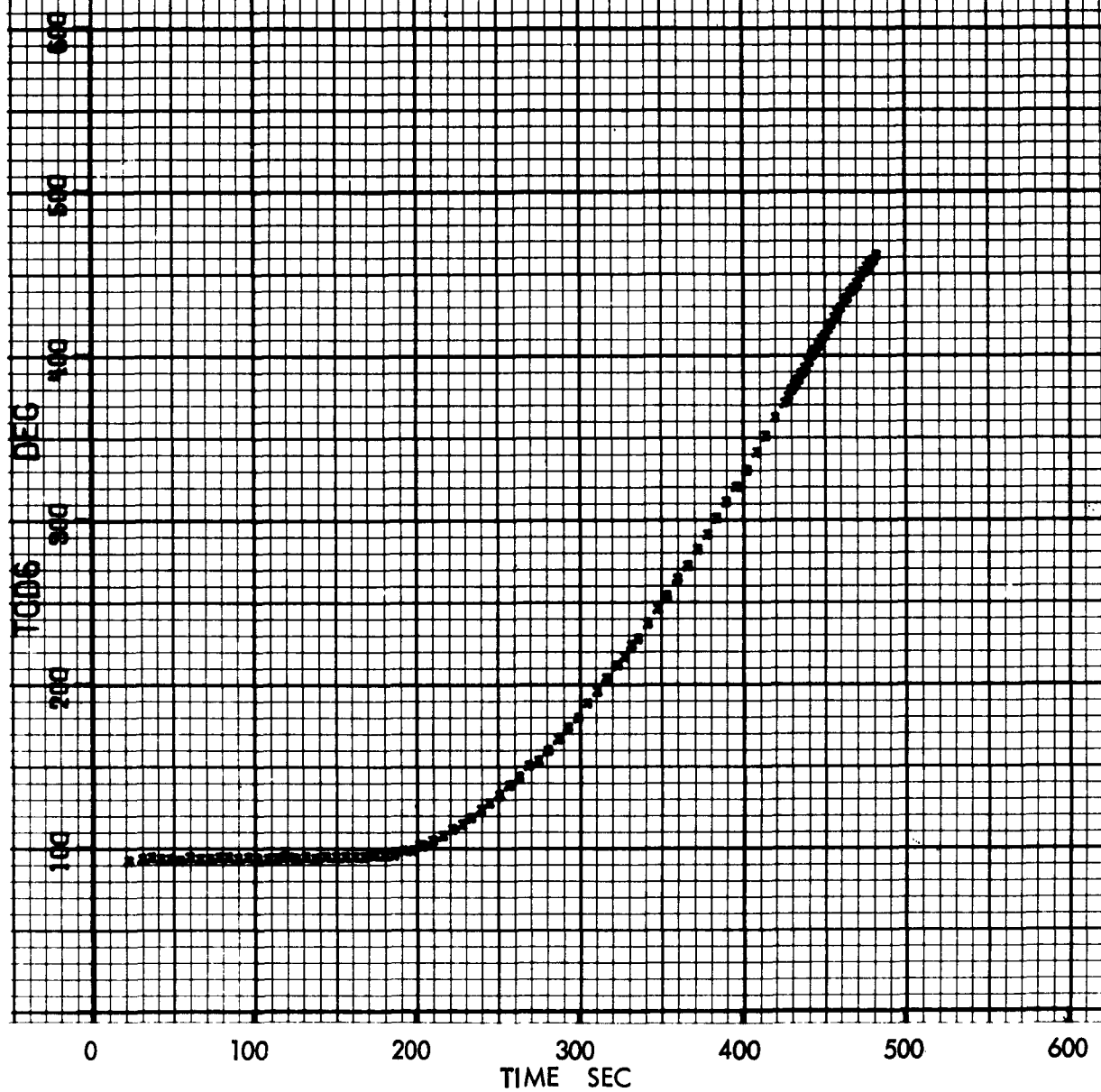
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TEST 036 9/23



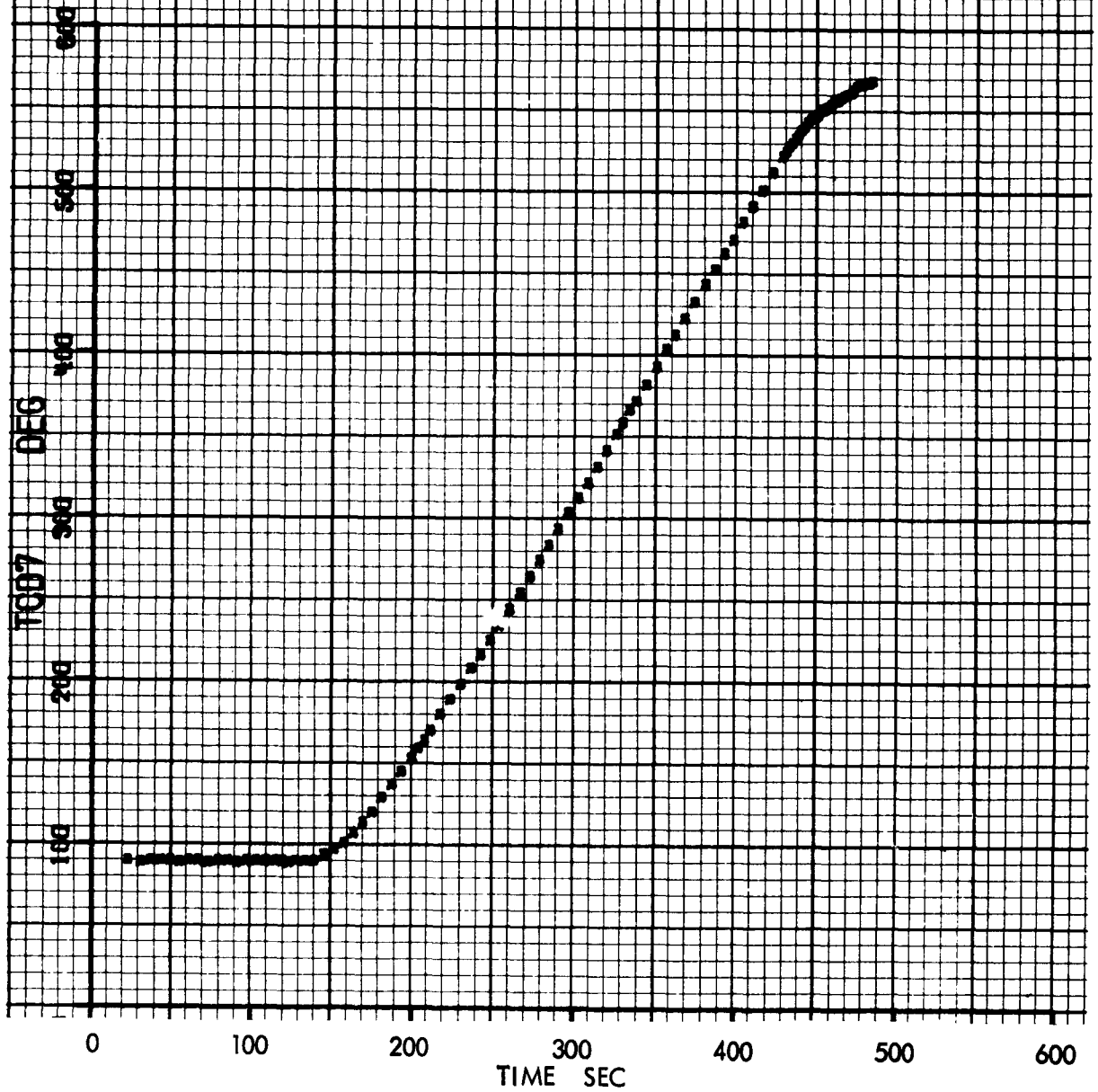
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TEST 036 9/23



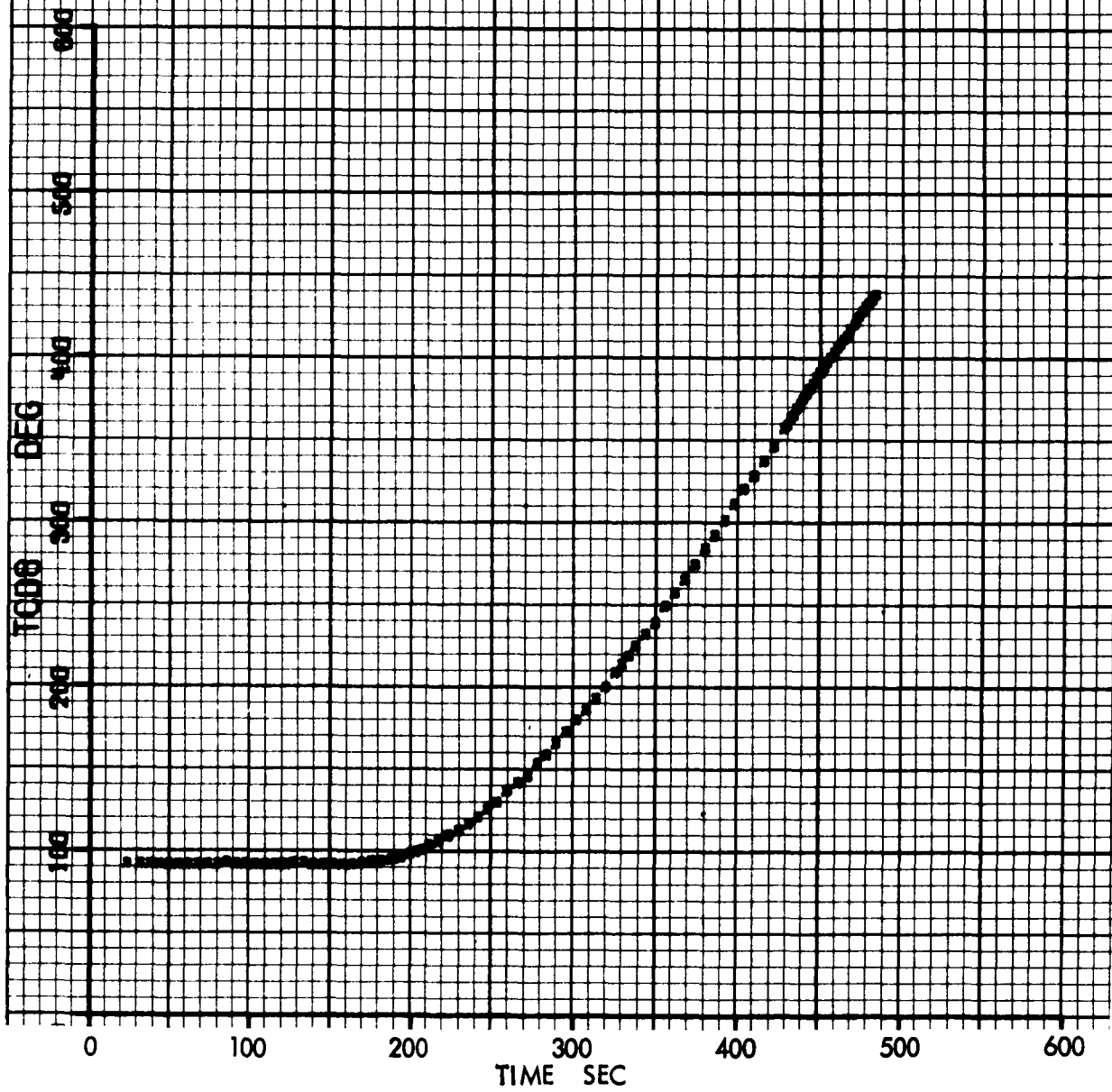
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TEST 036 9/23



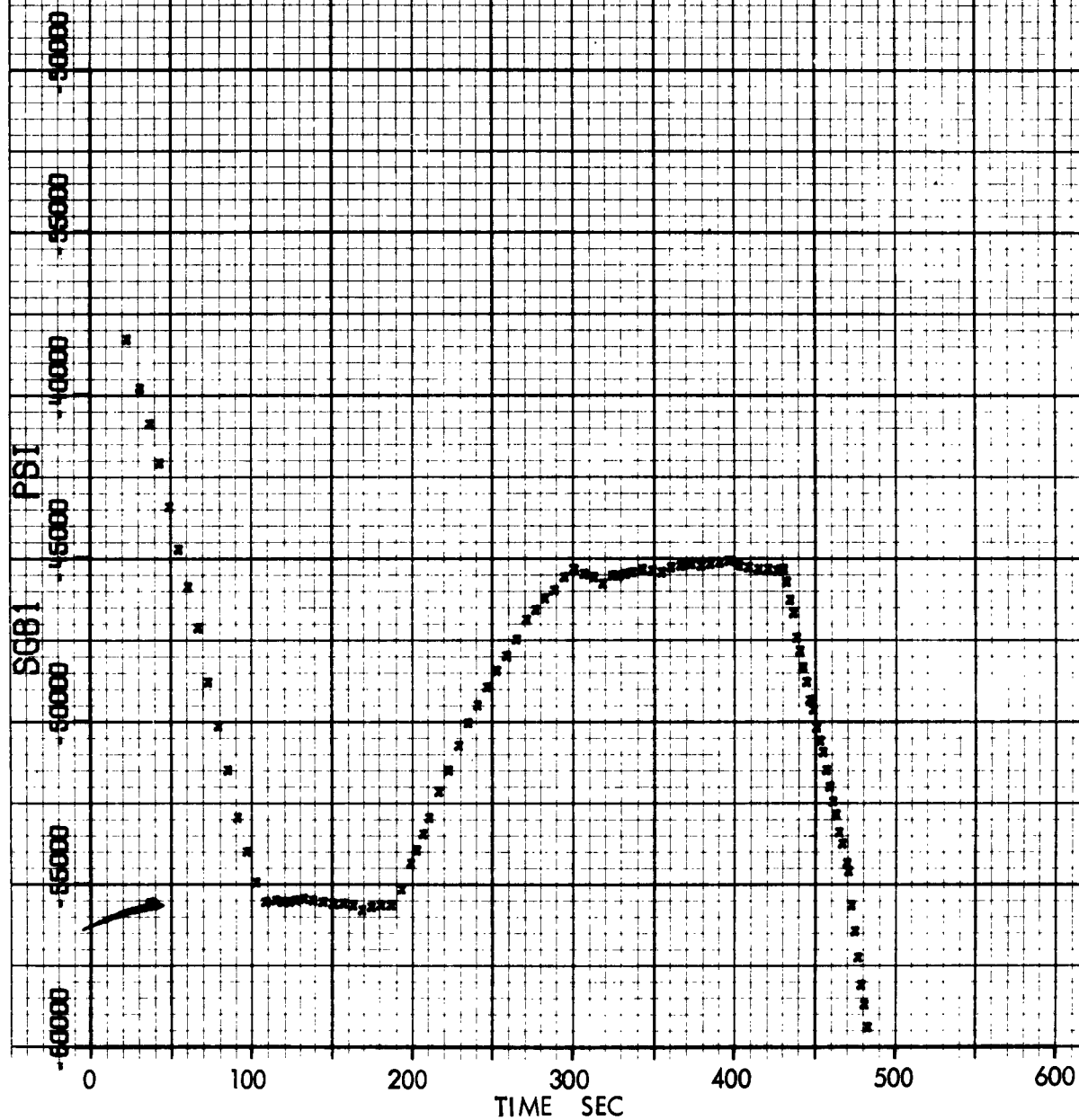
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TEST 036 9/23



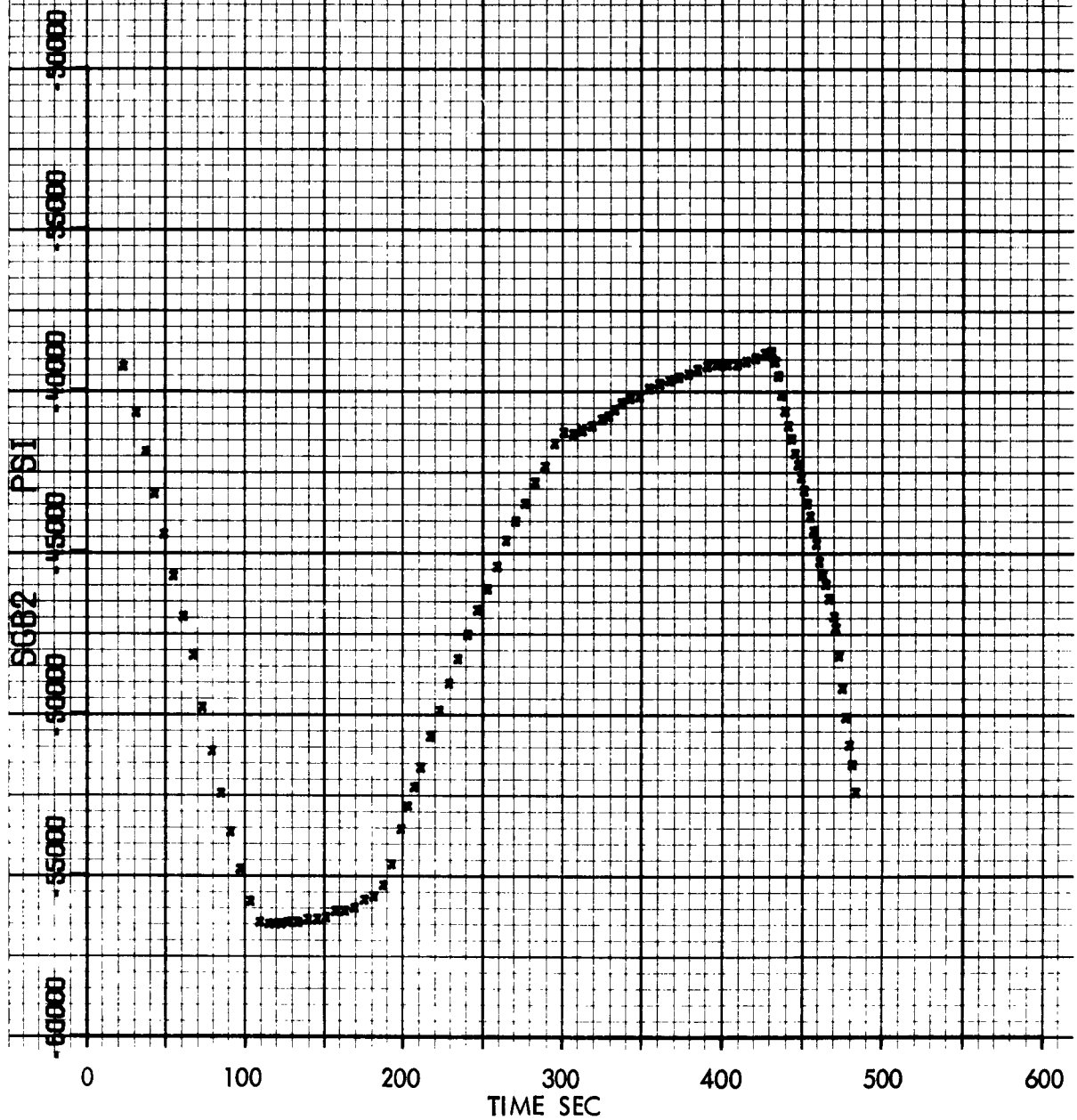
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TEST 036 9/23



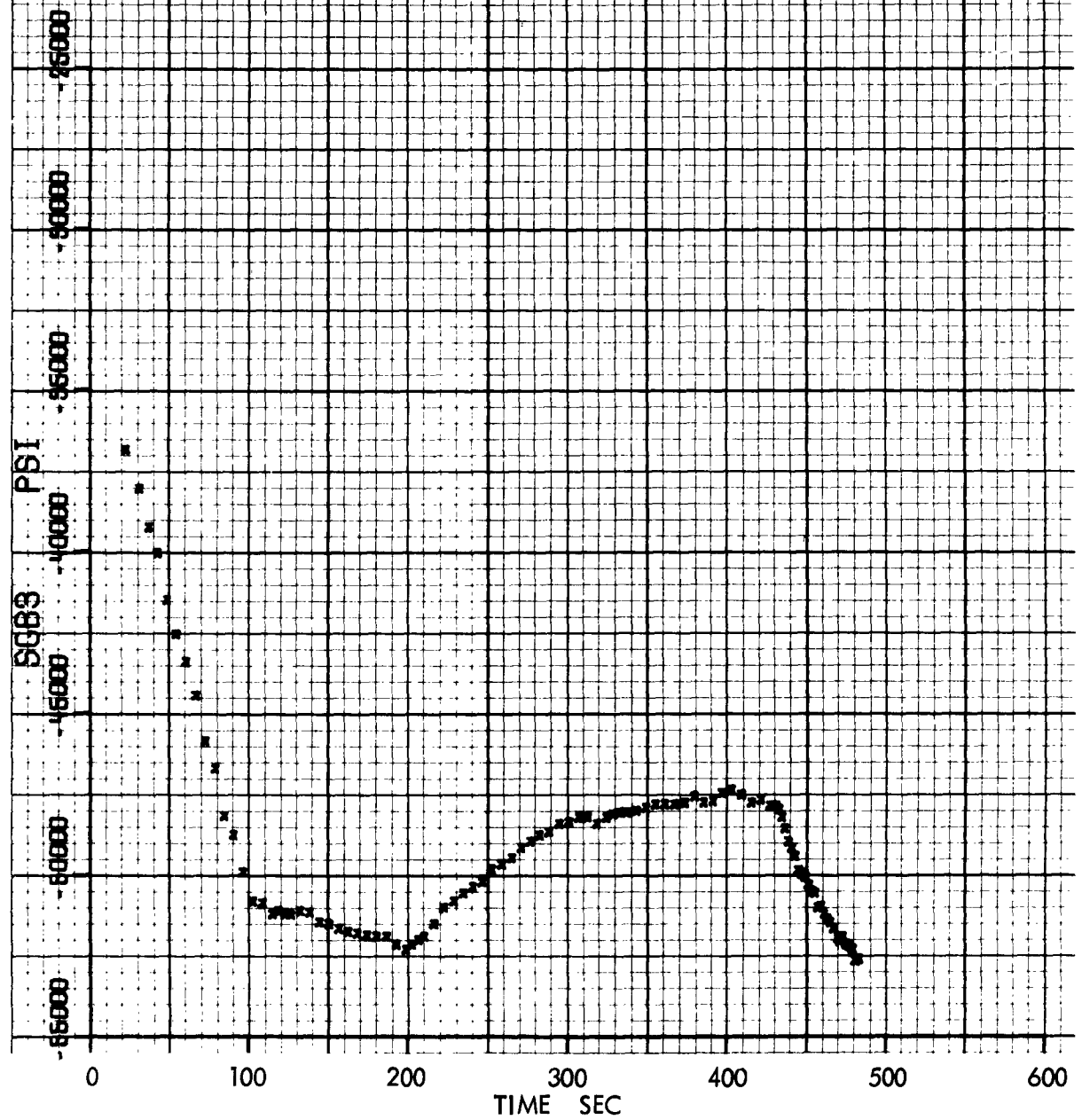
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TEST 036 9/23



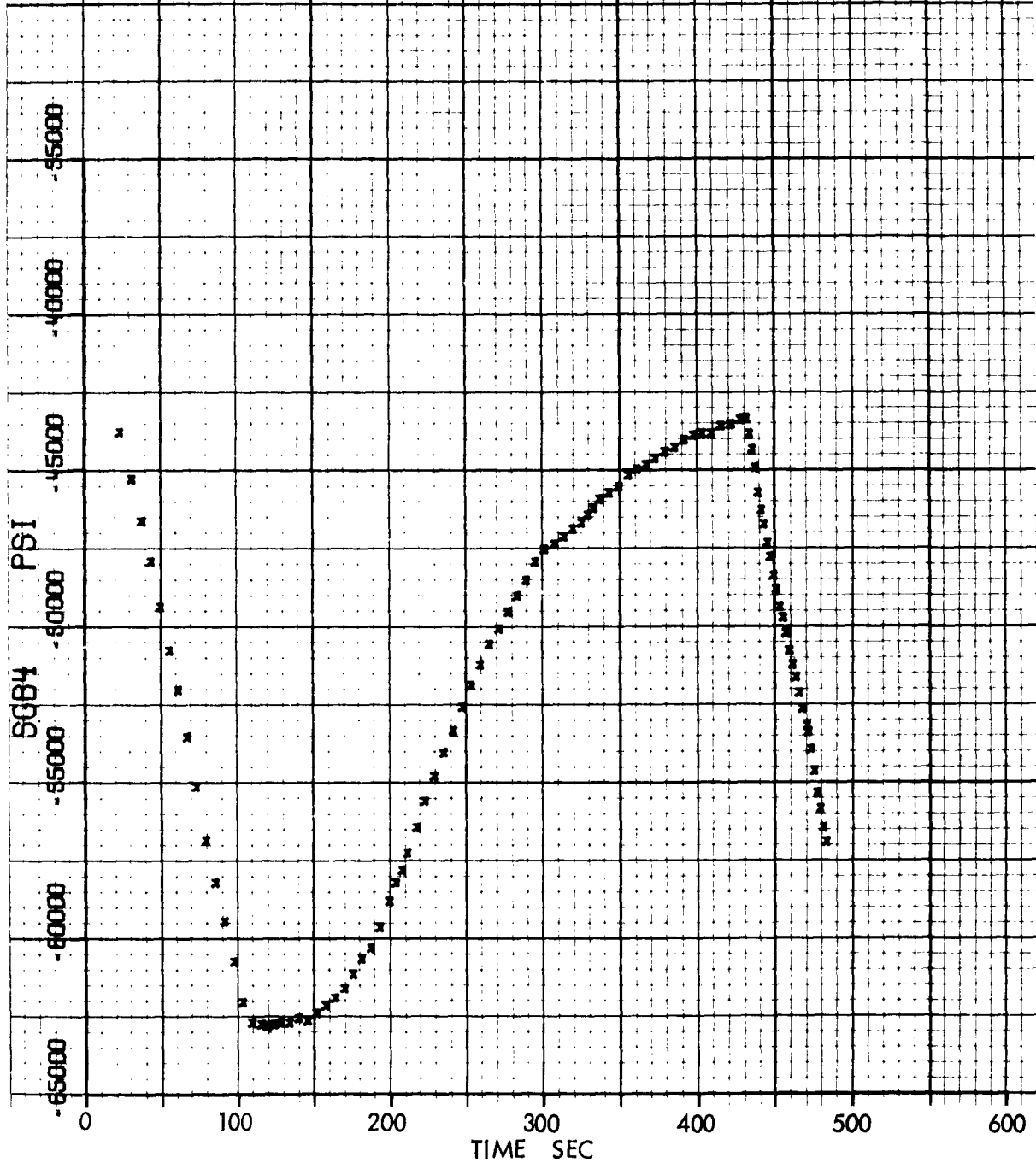
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TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

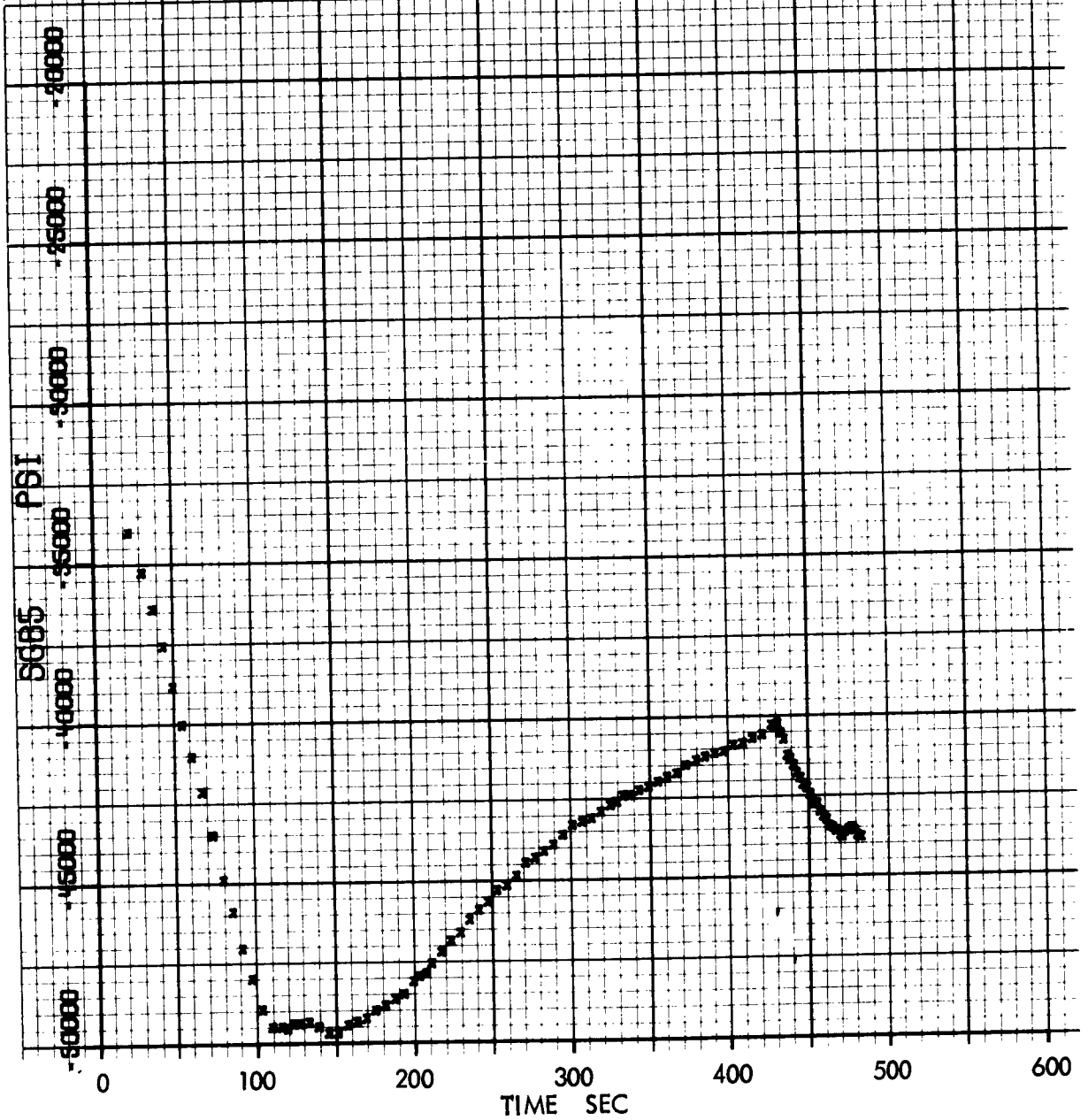
TEST 036 9/23





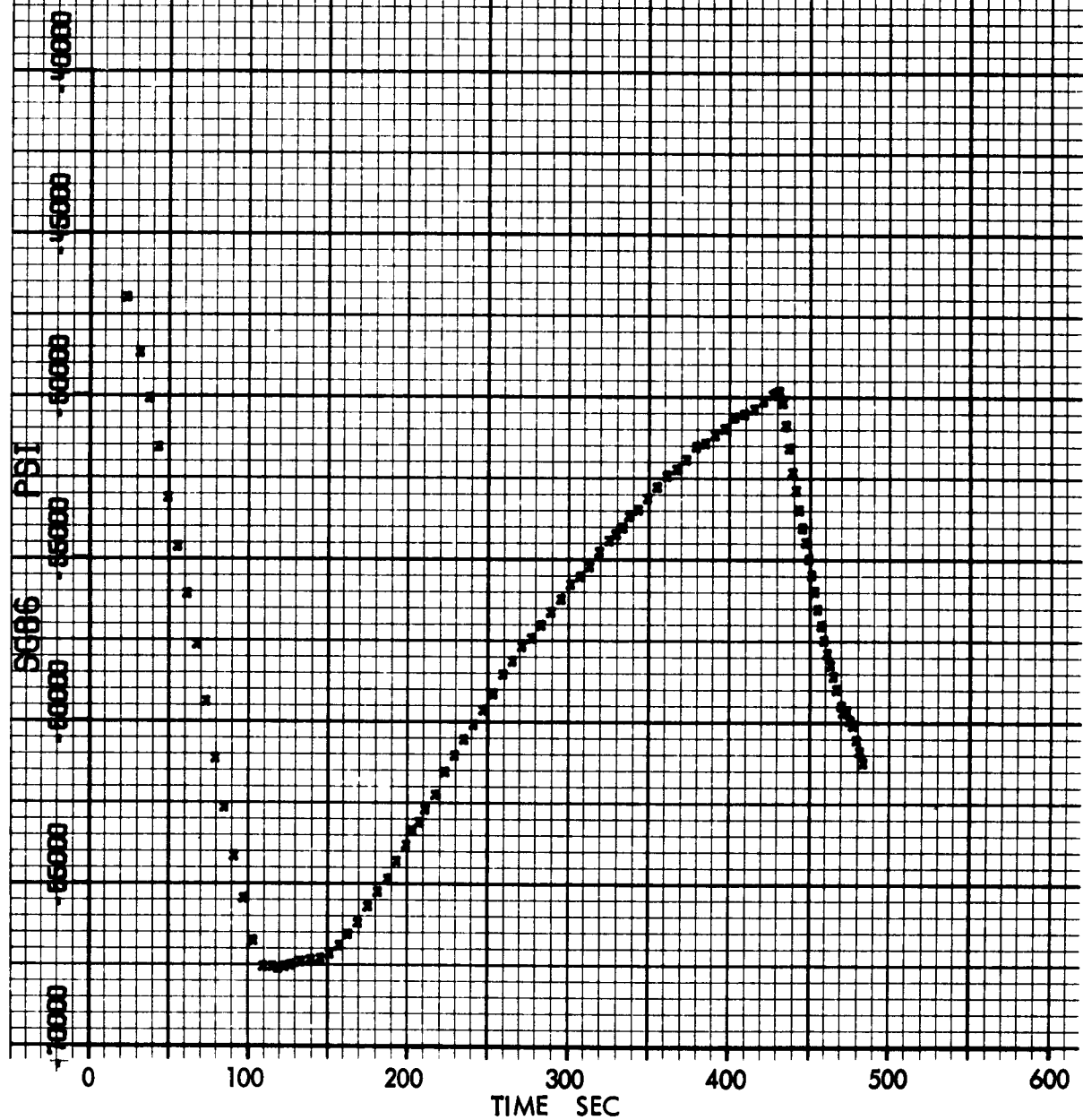
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TEST 036 9/23



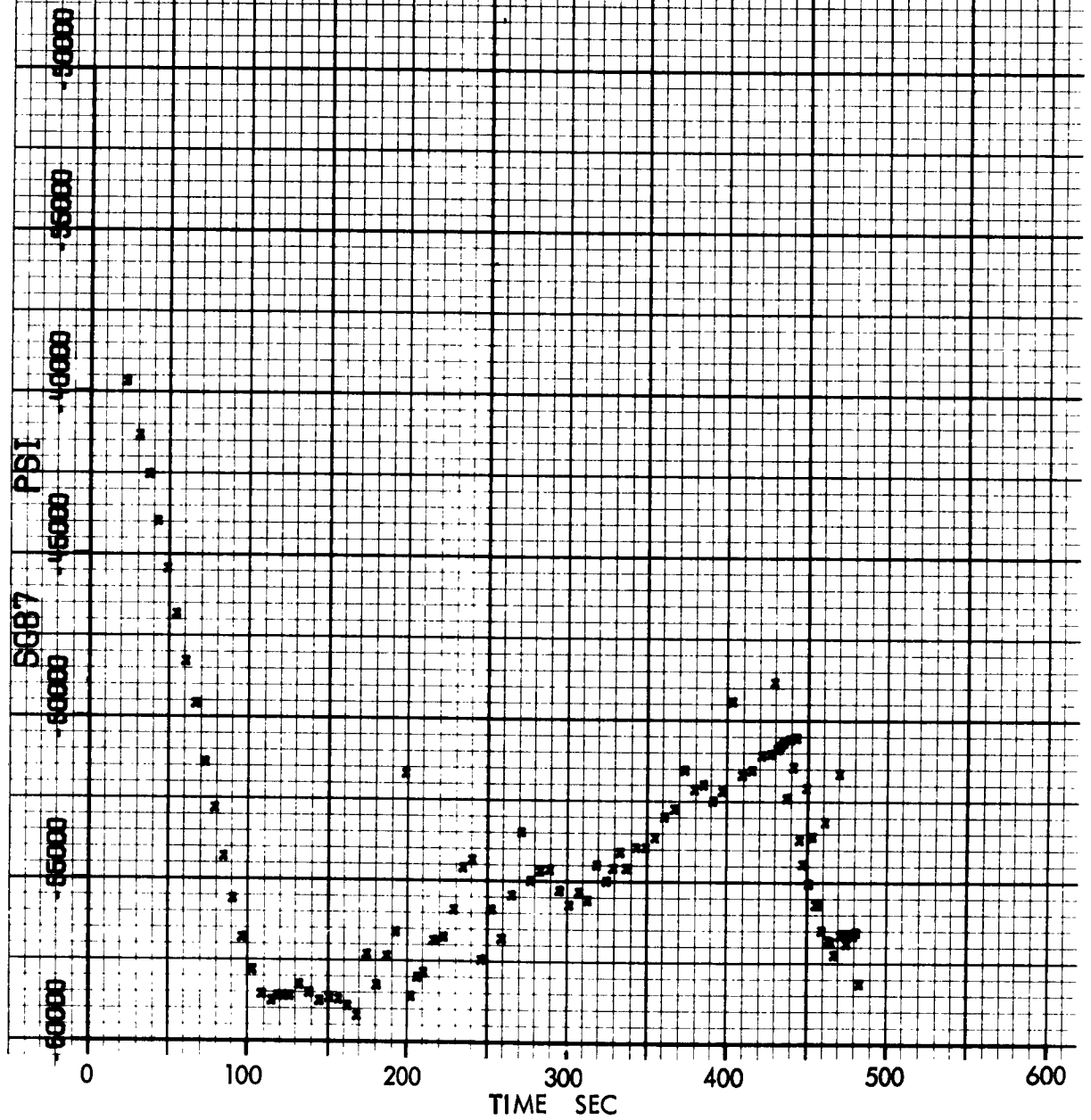
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



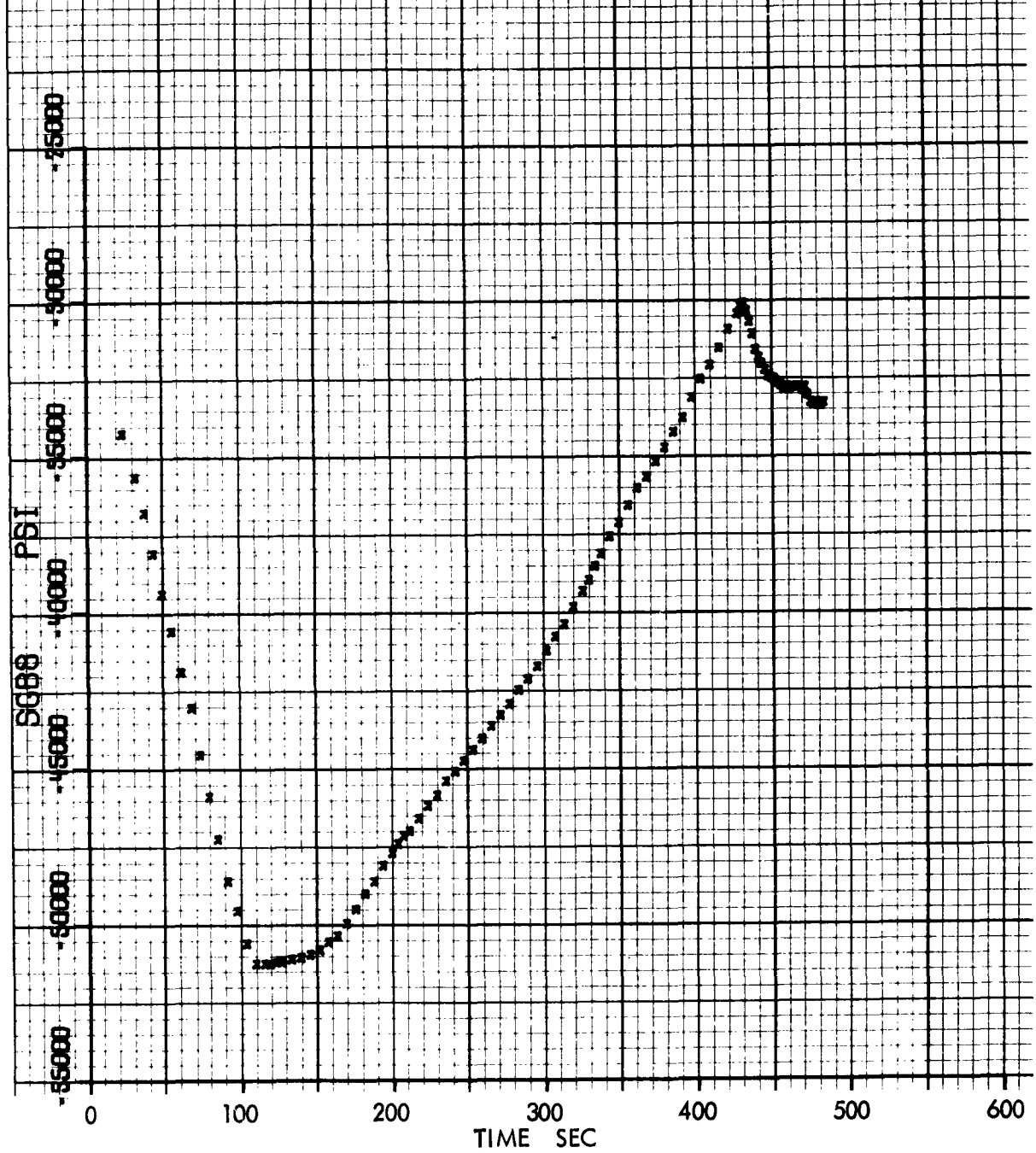
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TEST 036 9/23



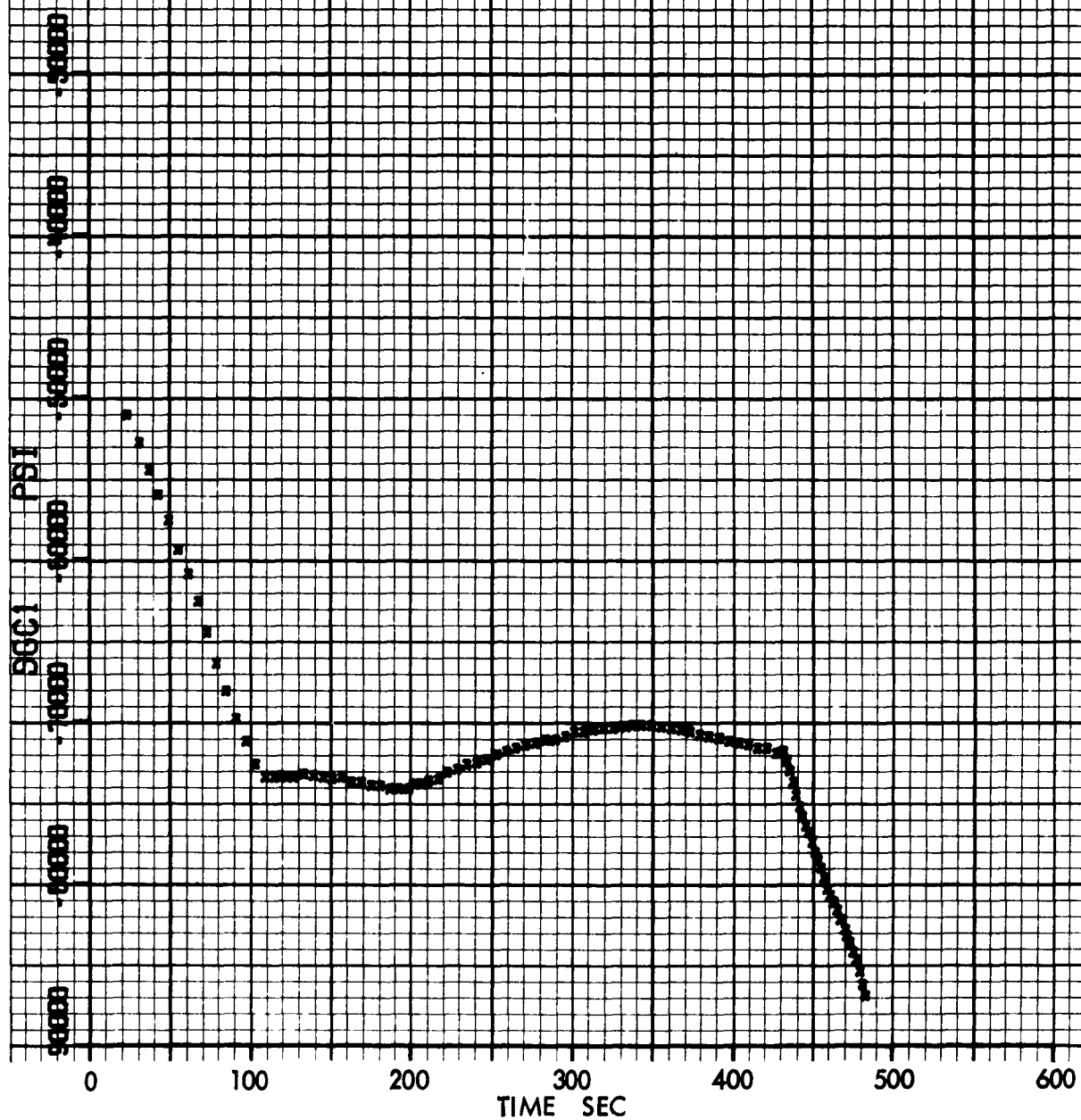
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TEST 036 9/23



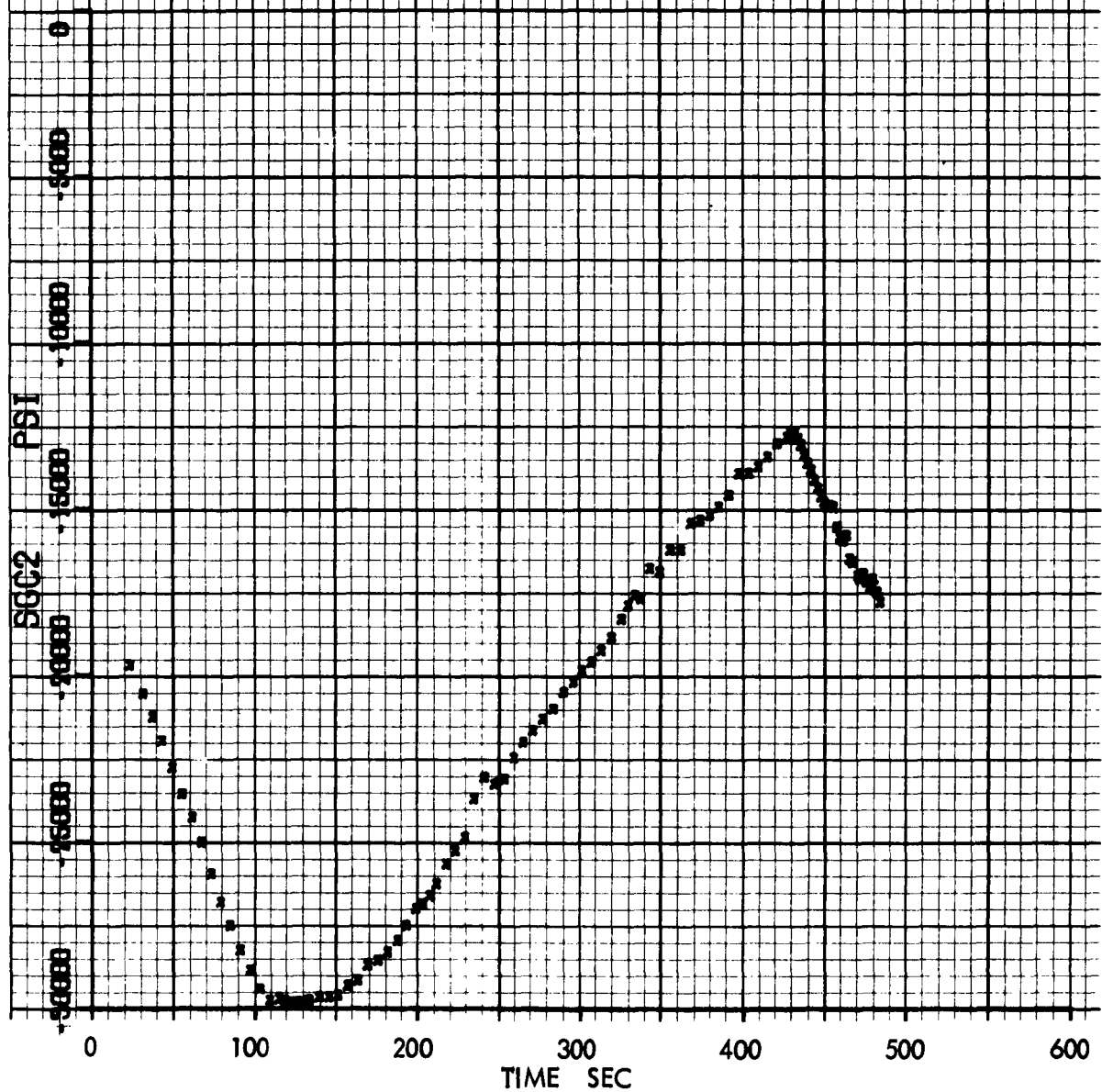
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TEST 036 9/29



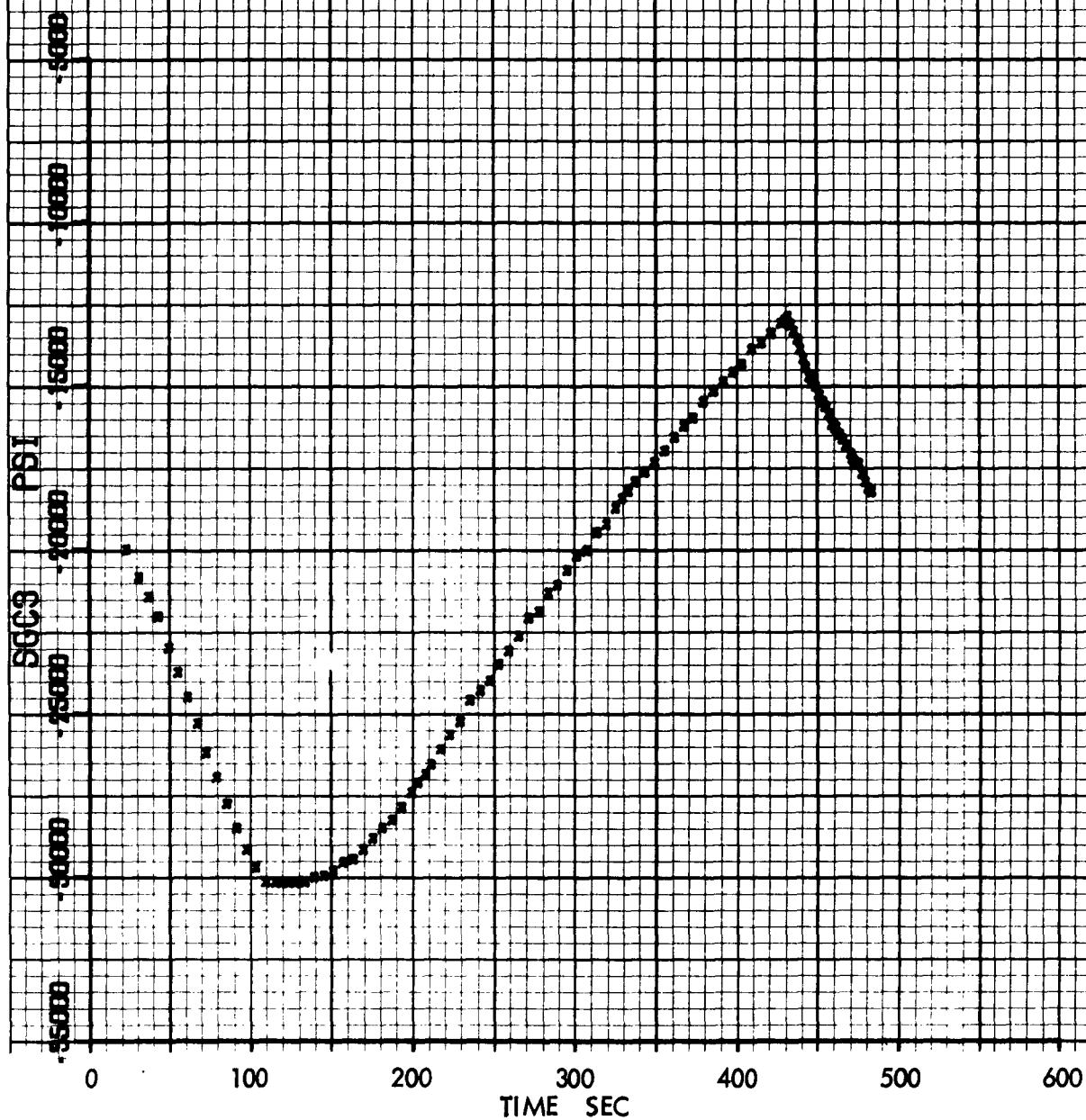
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TEST 036 9/23



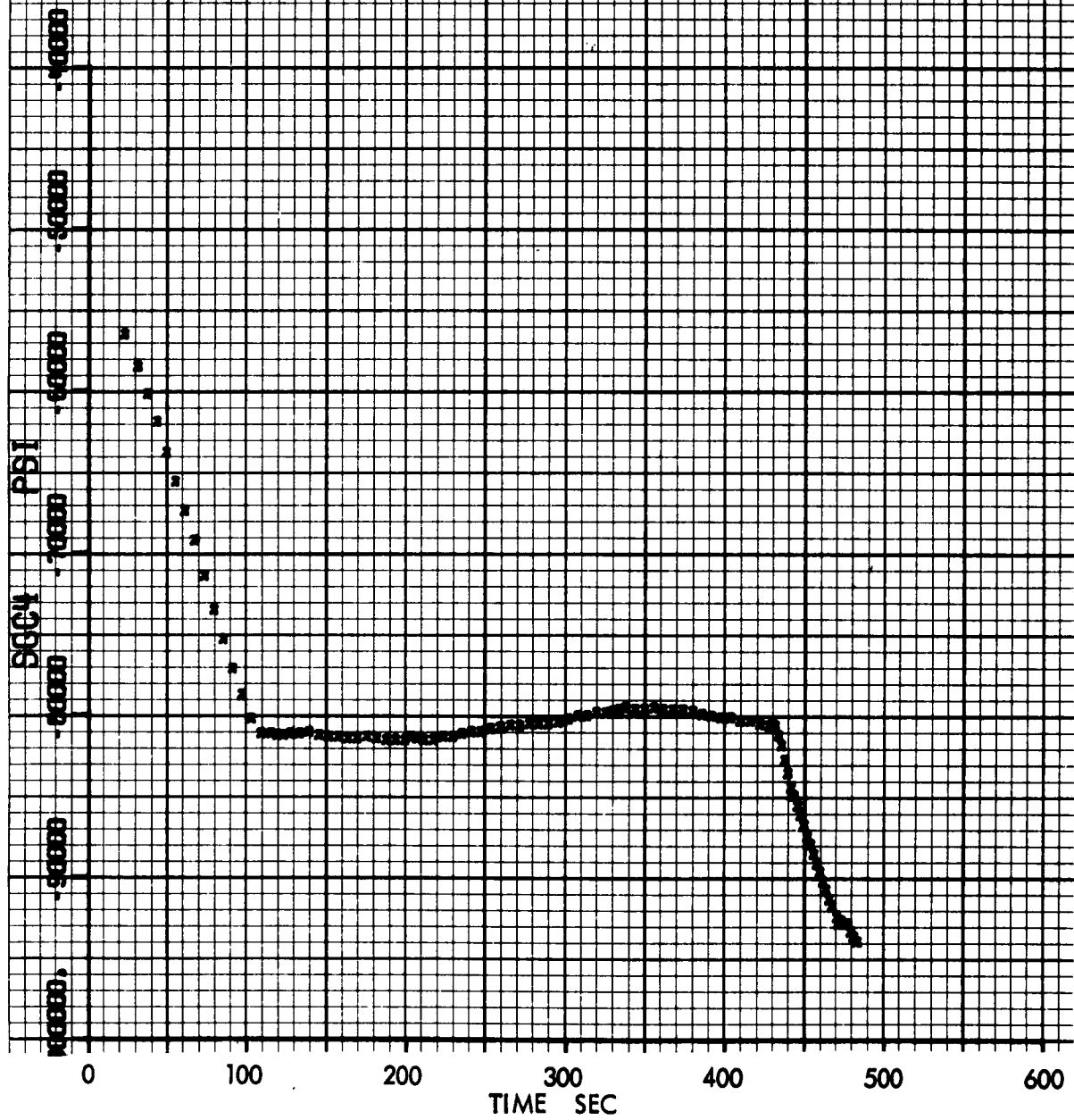
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

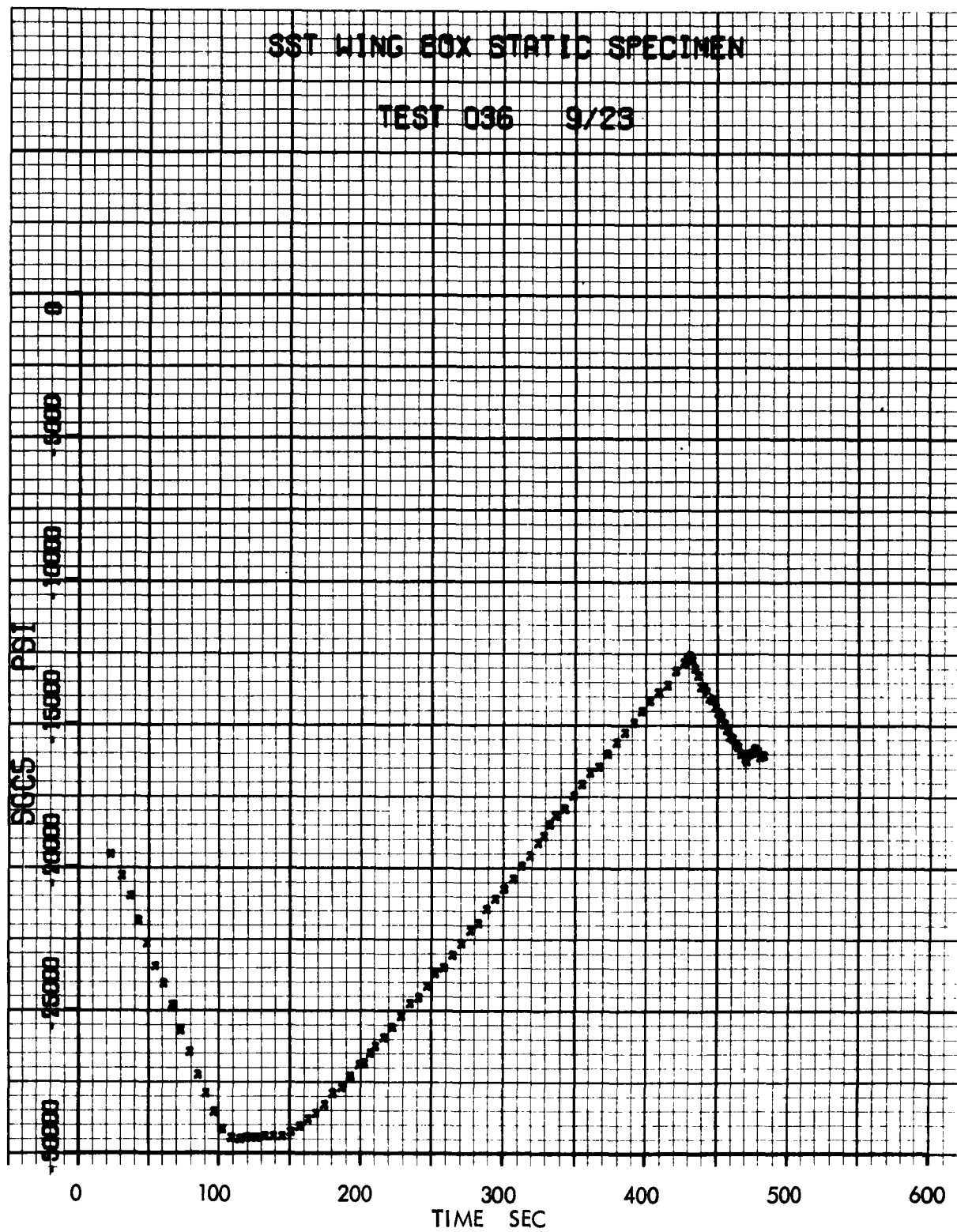
TEST 036 9/23





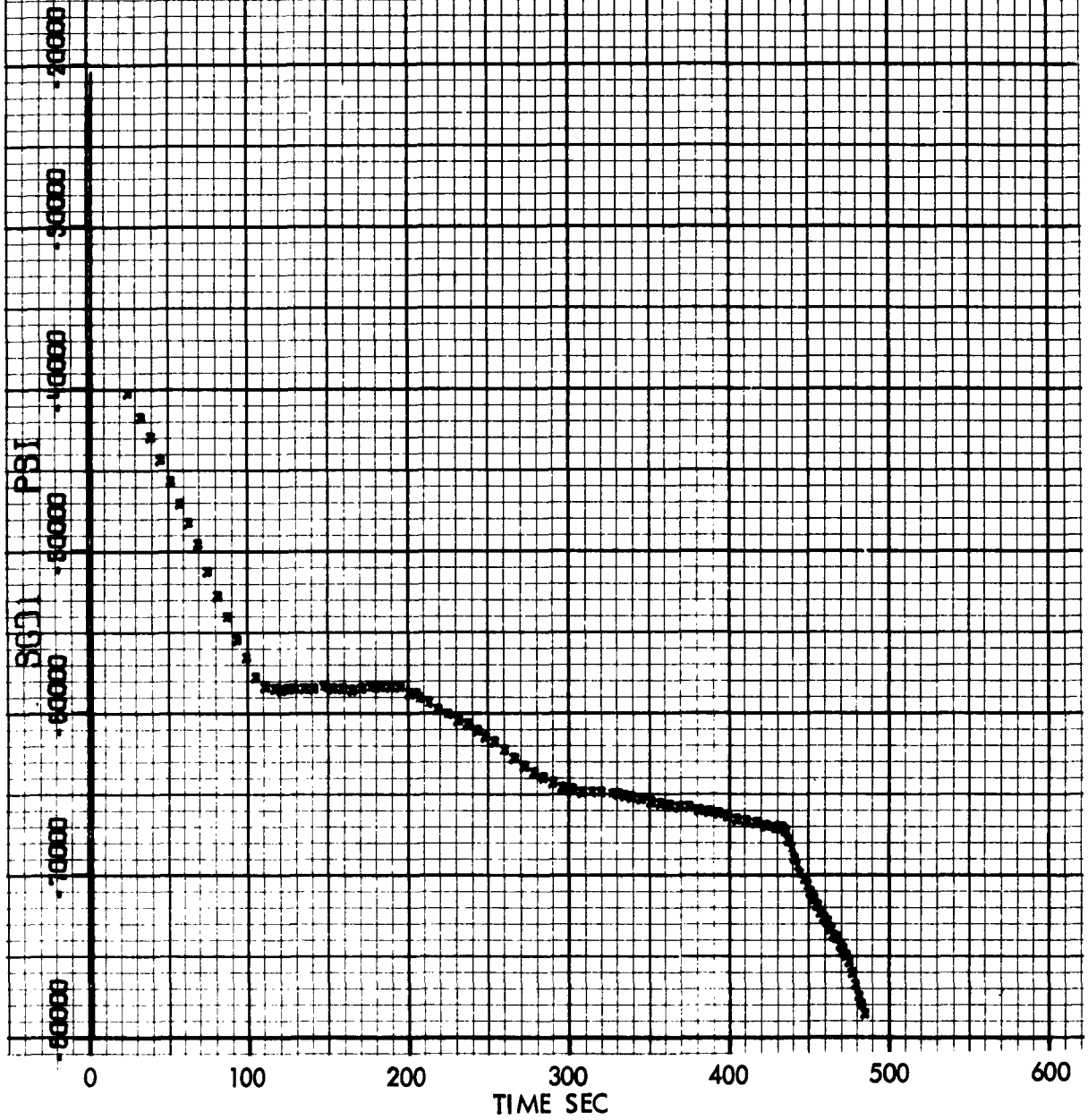
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TEST 036 9/23



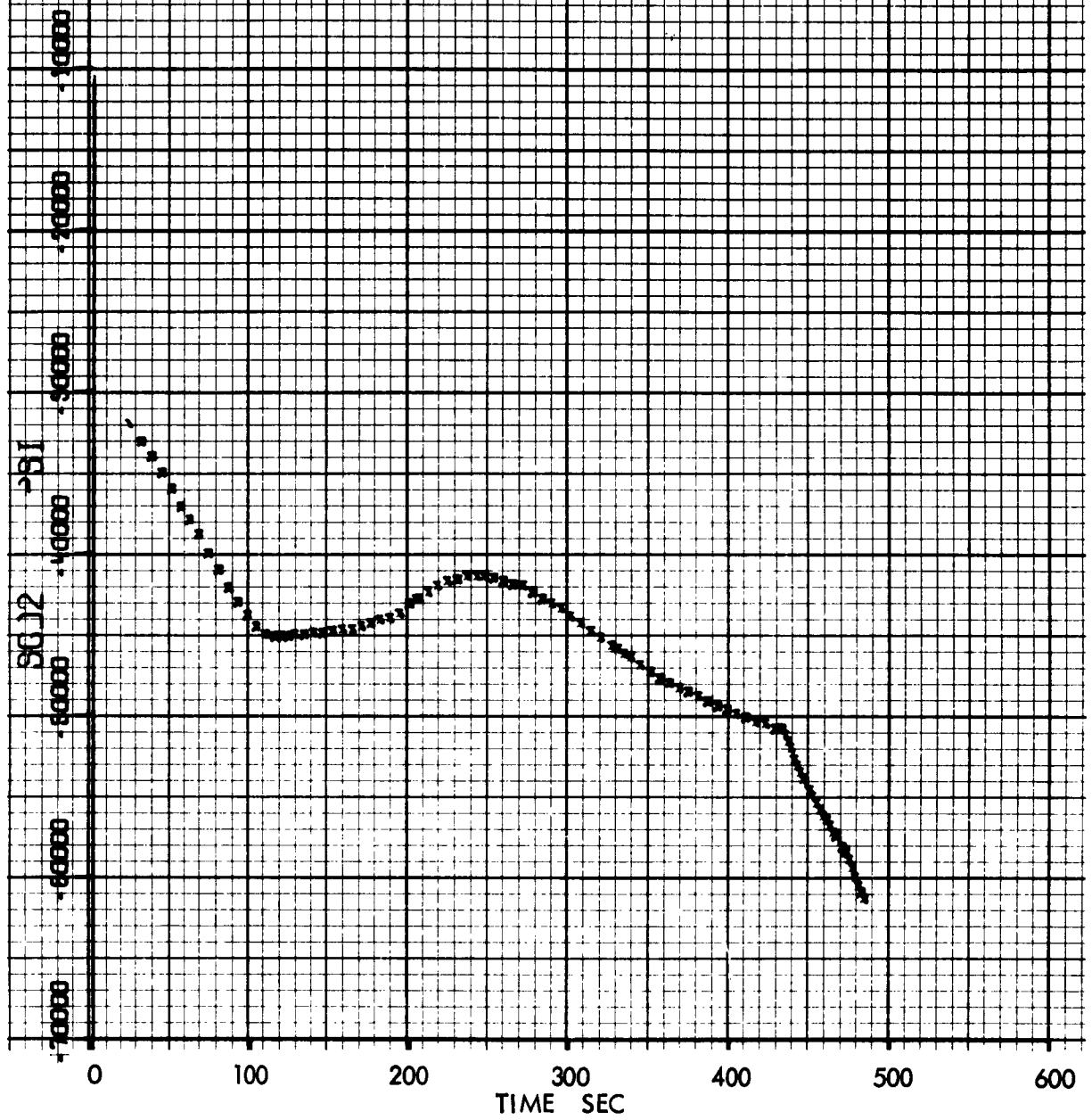
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TEST 036 9/23



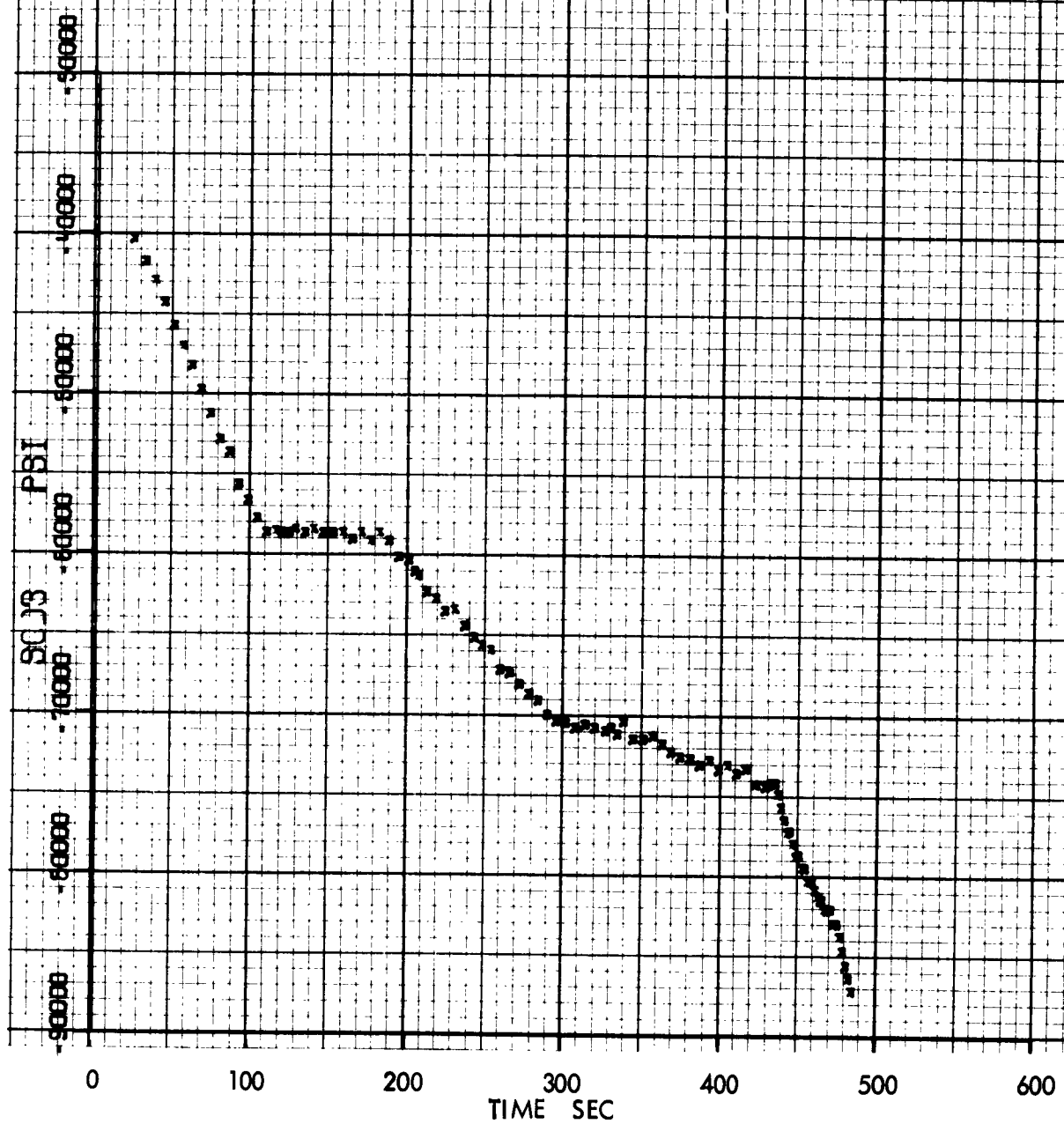
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TEST 036 9/23



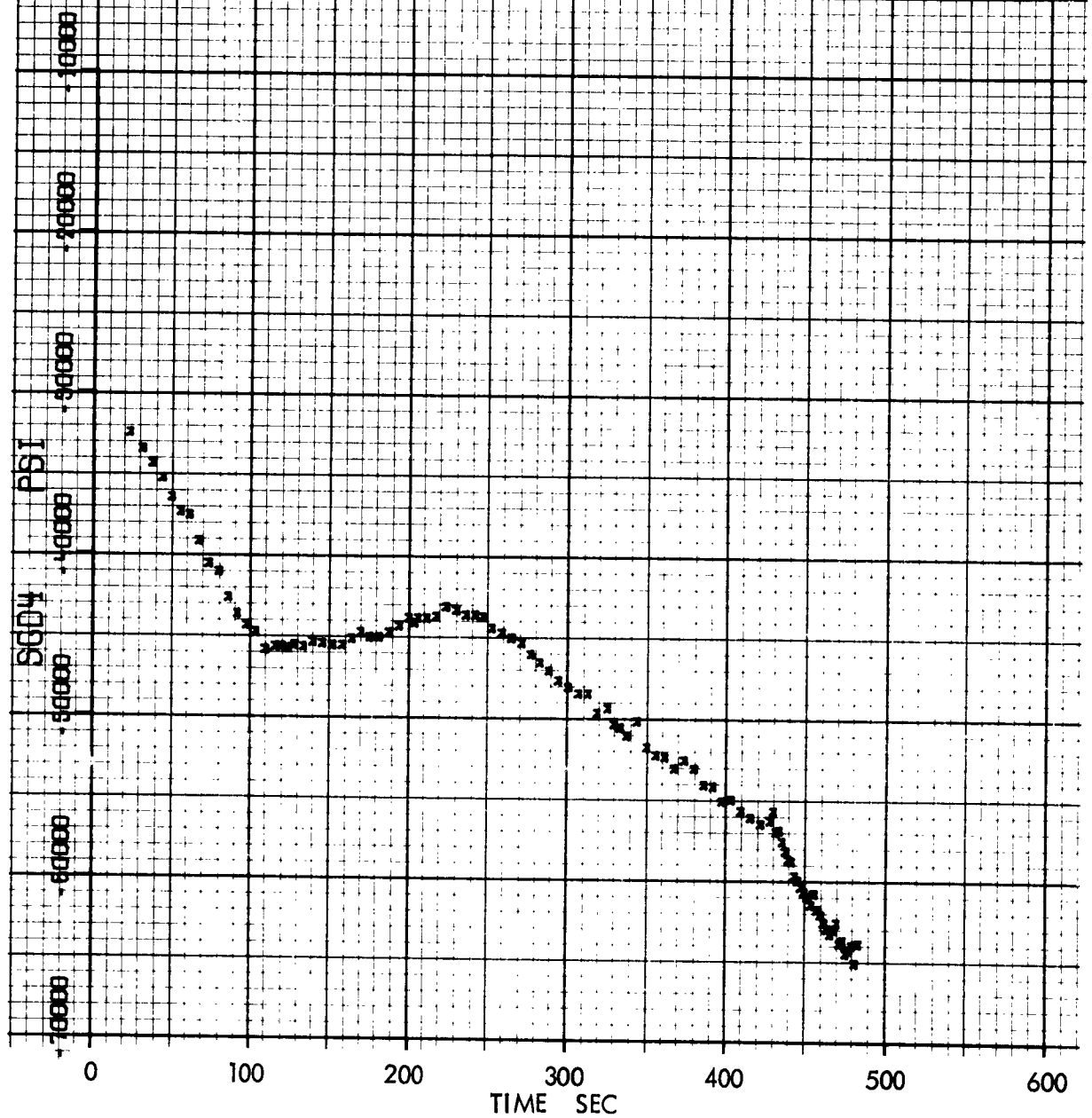
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



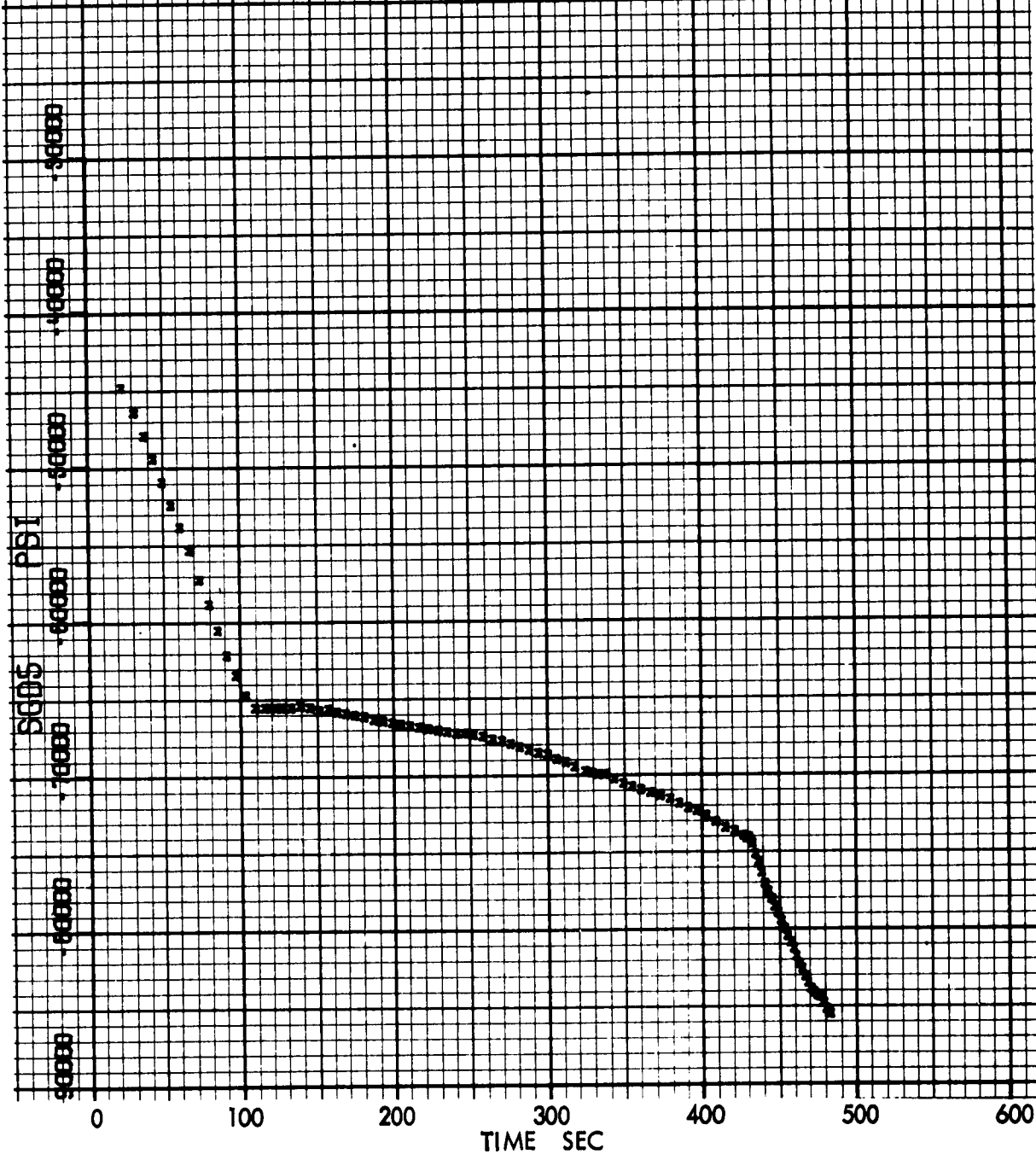
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



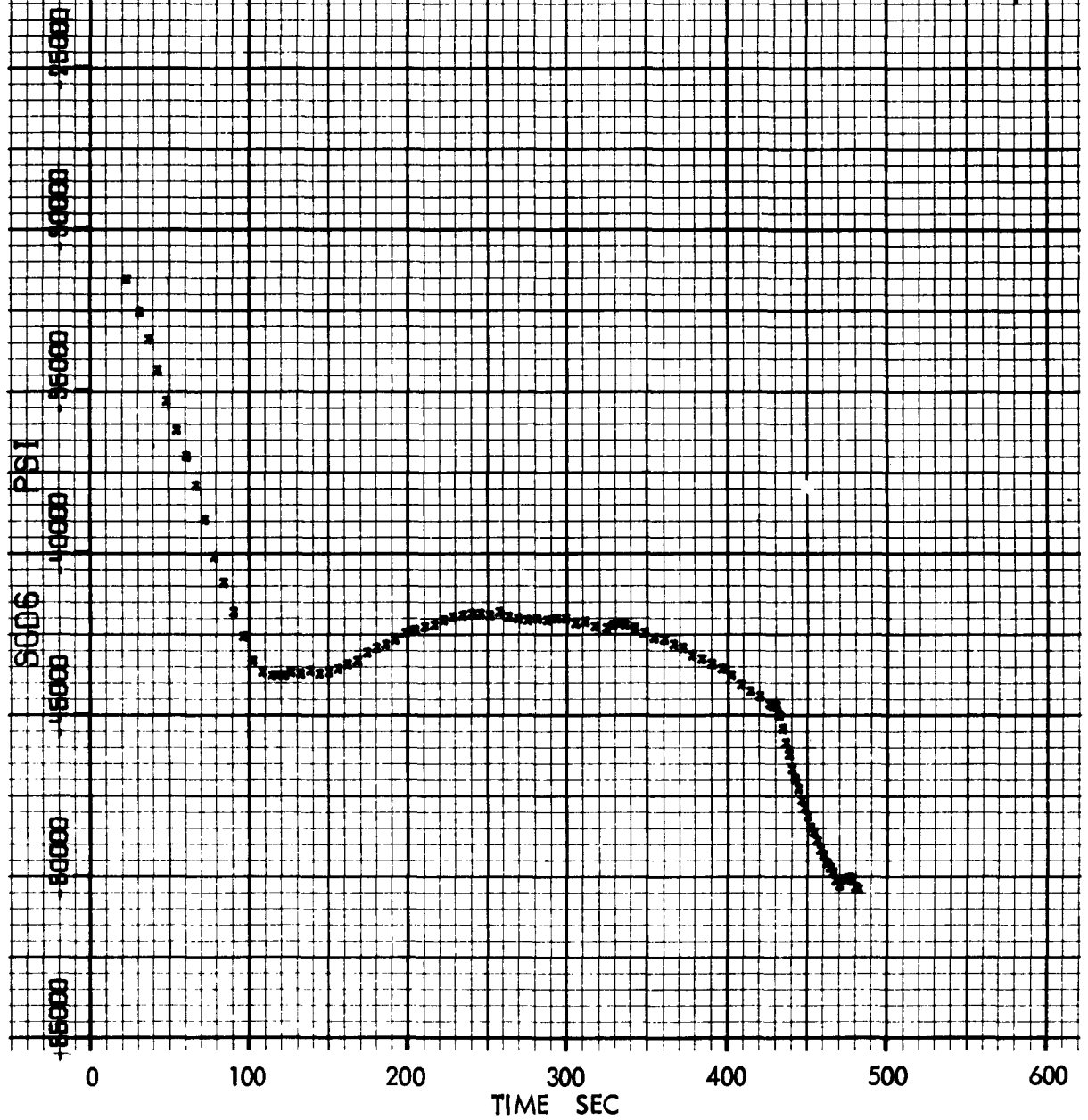
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TEST 036 9/23



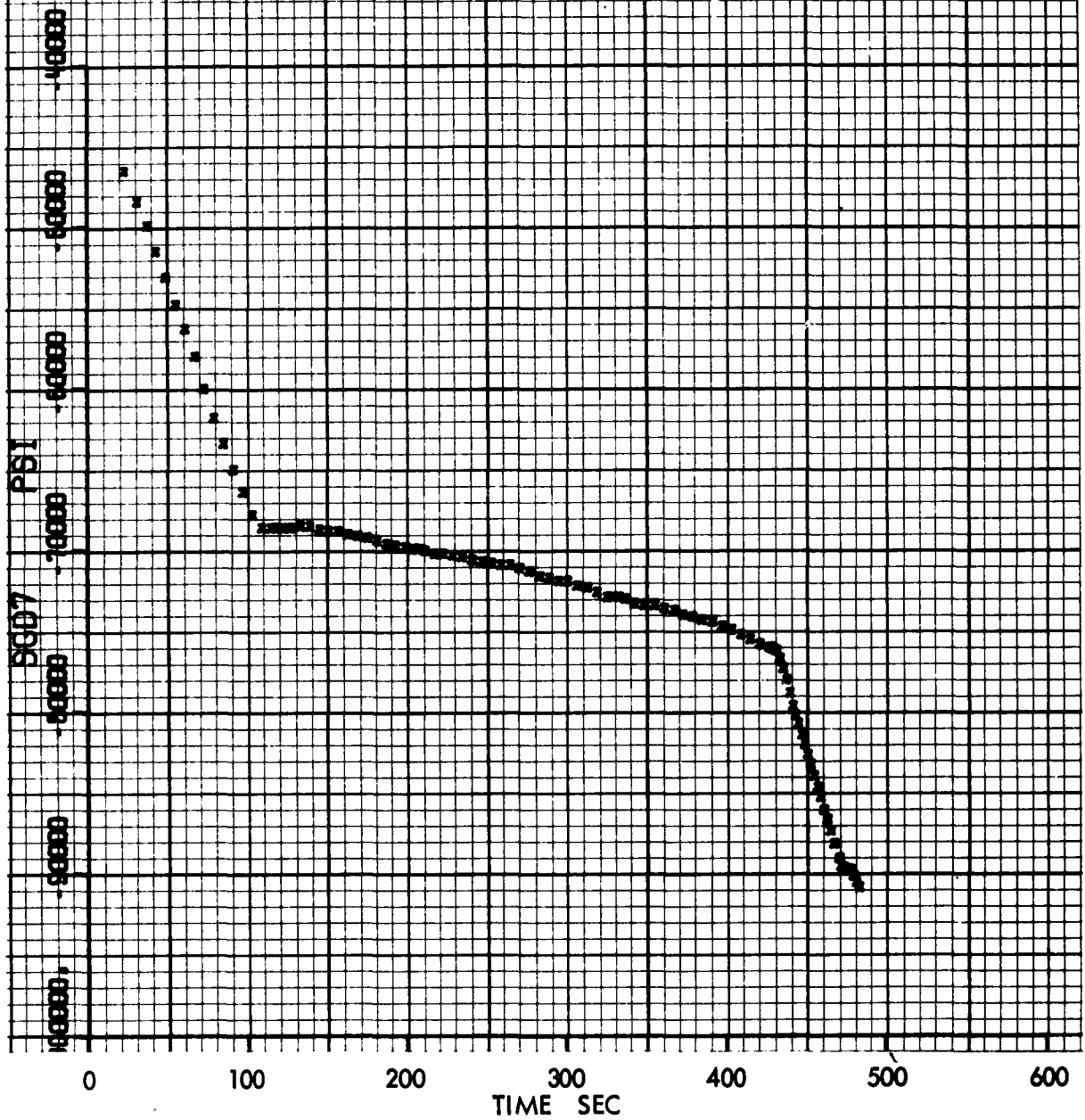
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TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

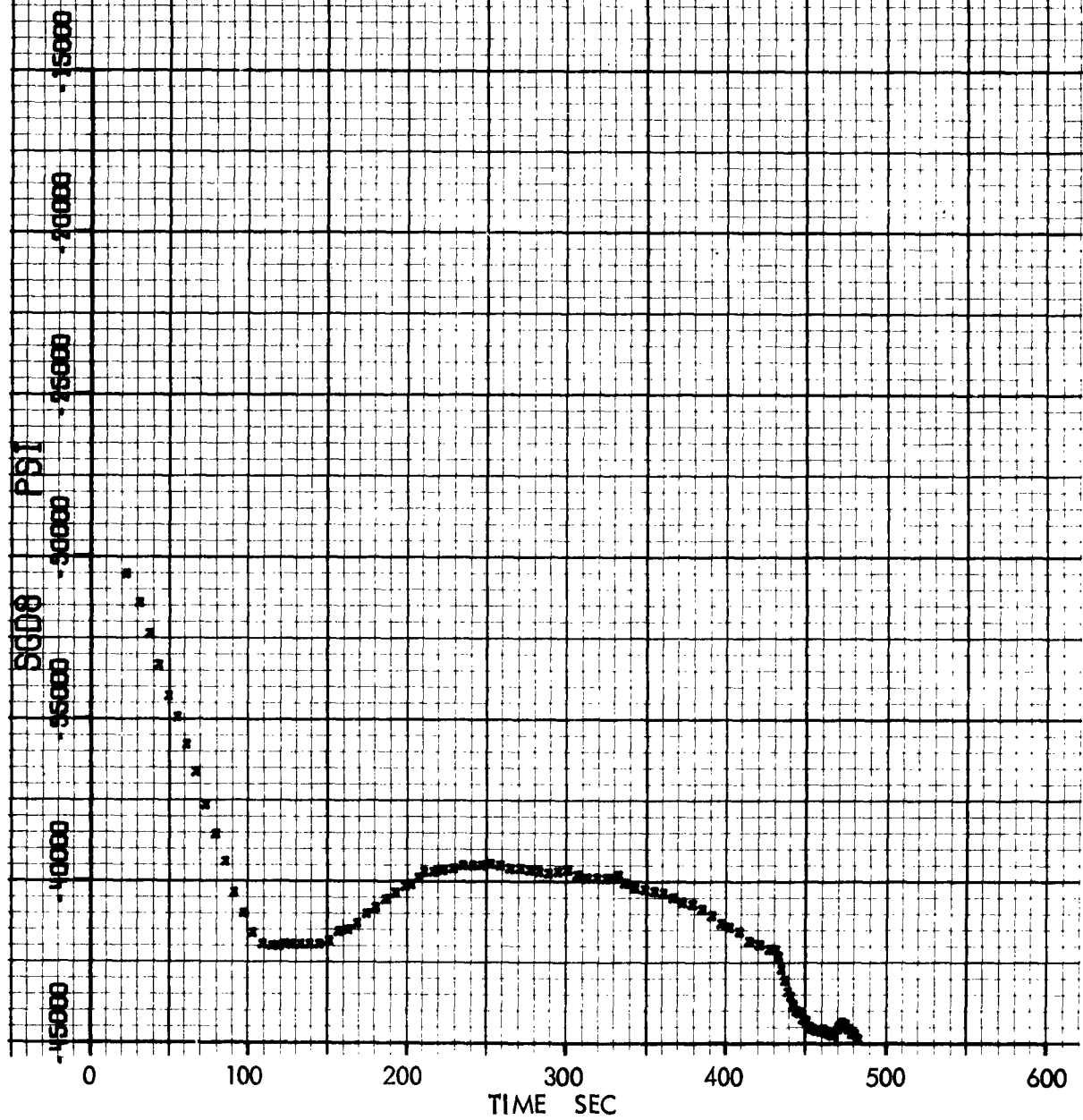
TEST 036 9/23





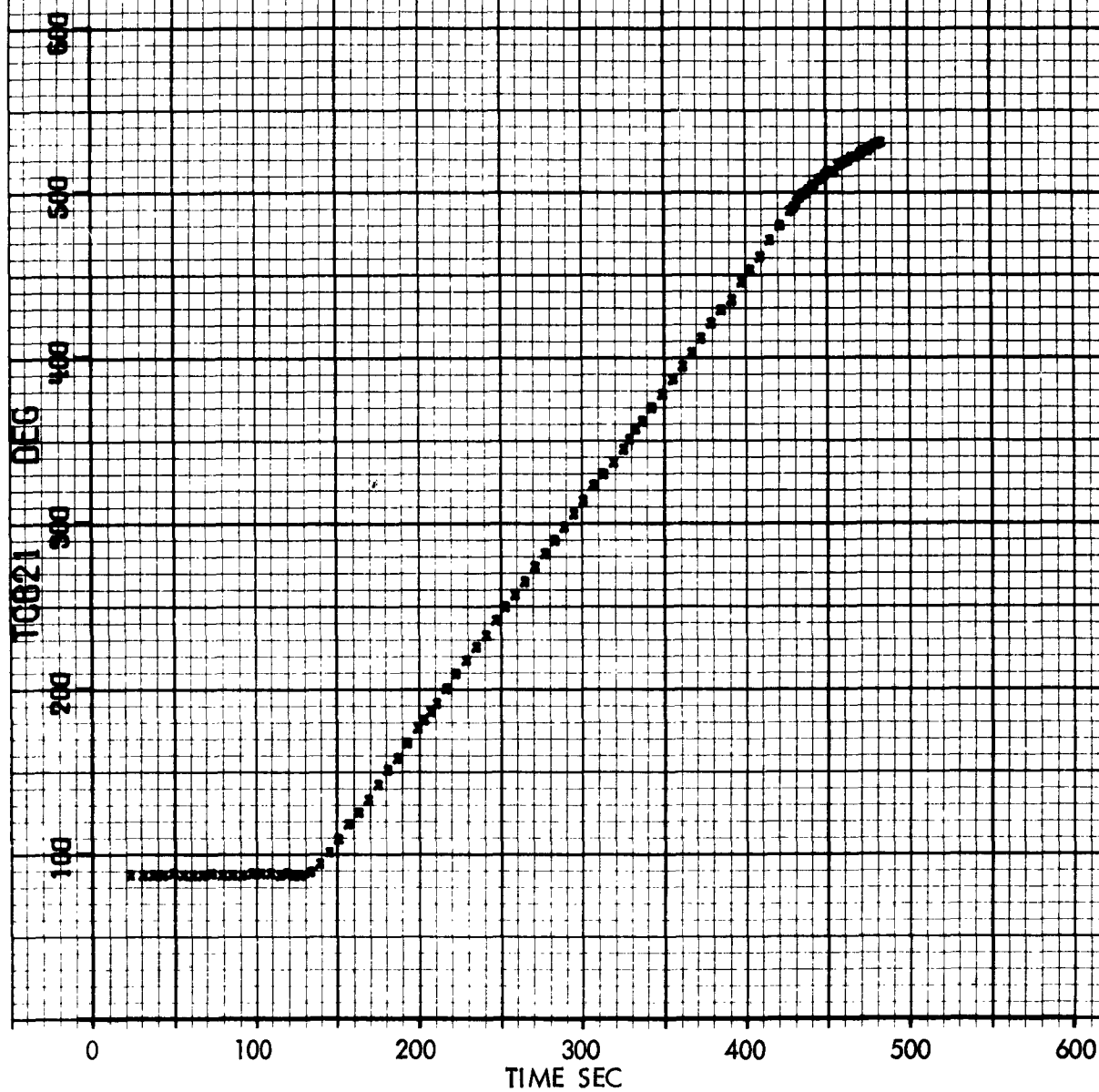
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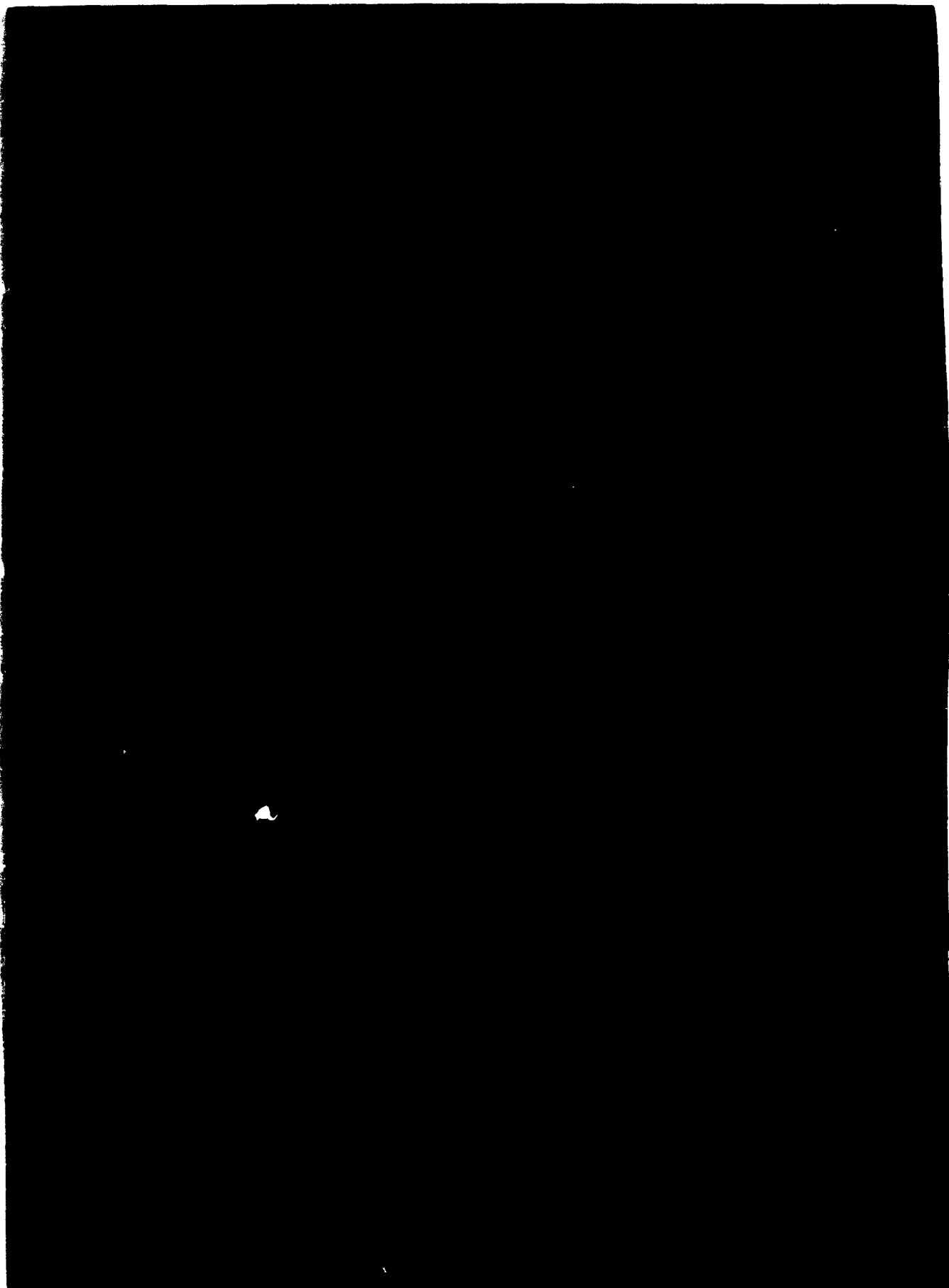
TEST 036 9/23



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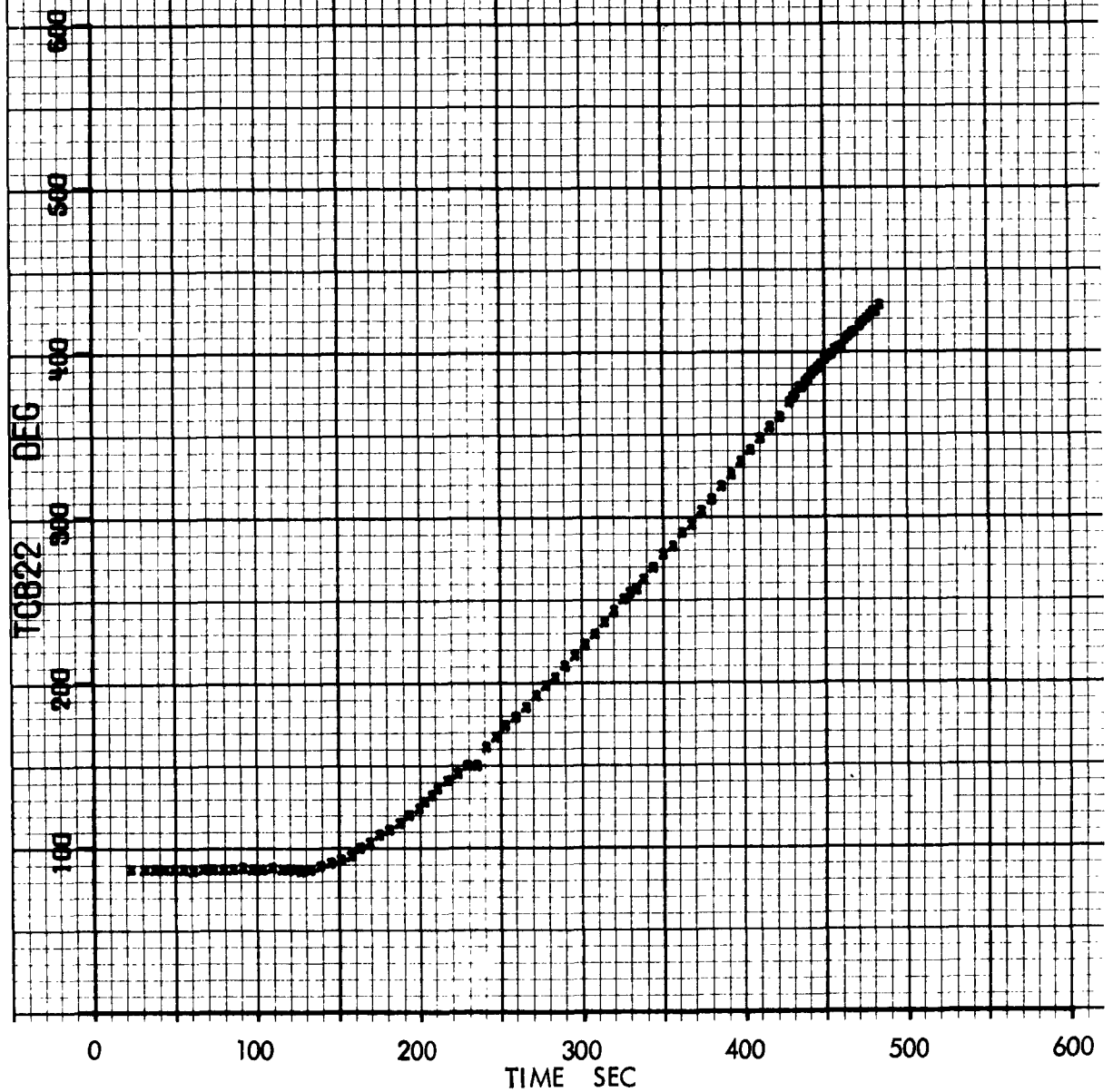
TEST 036 9/23





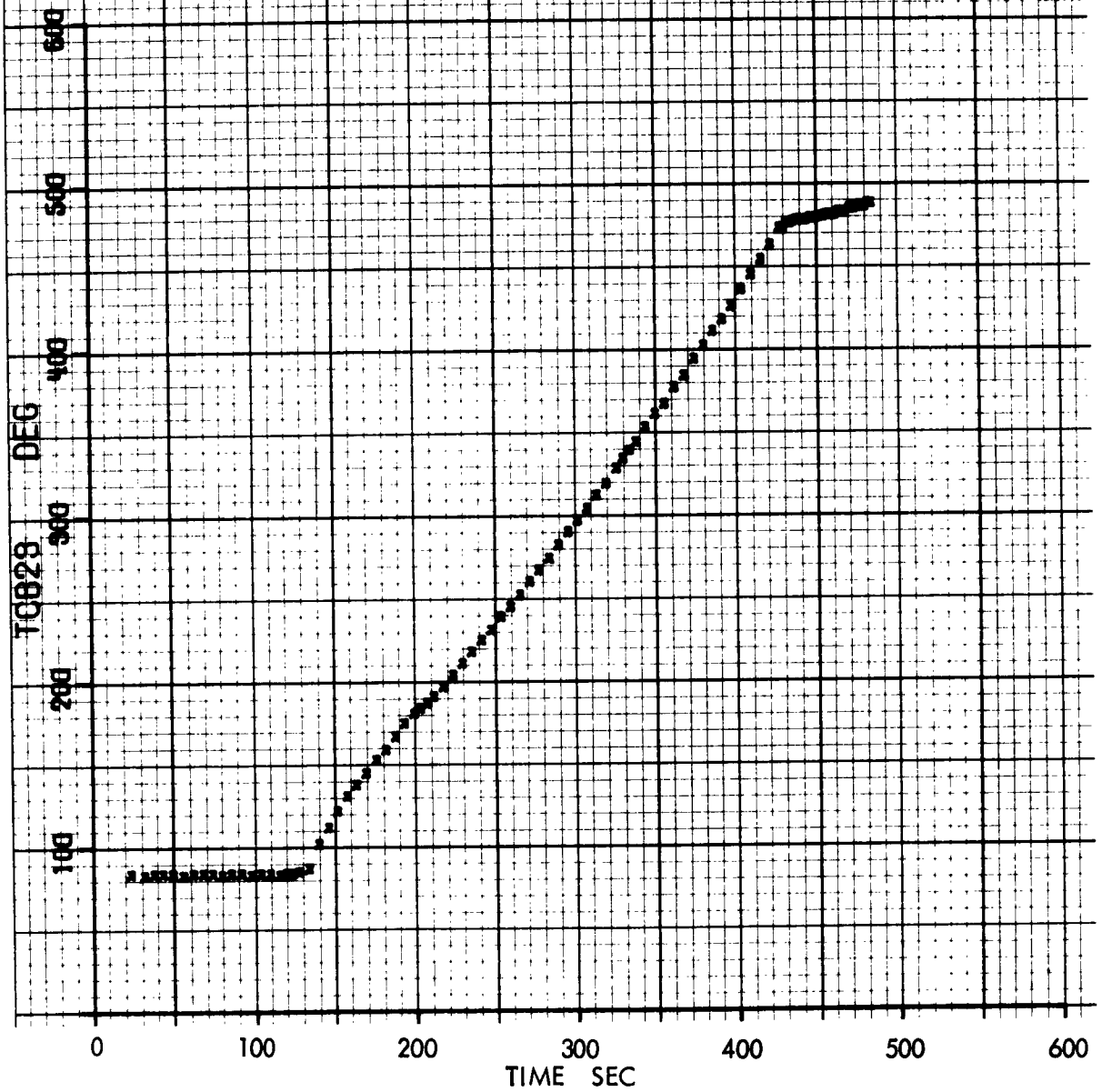
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TEST 036 9/23



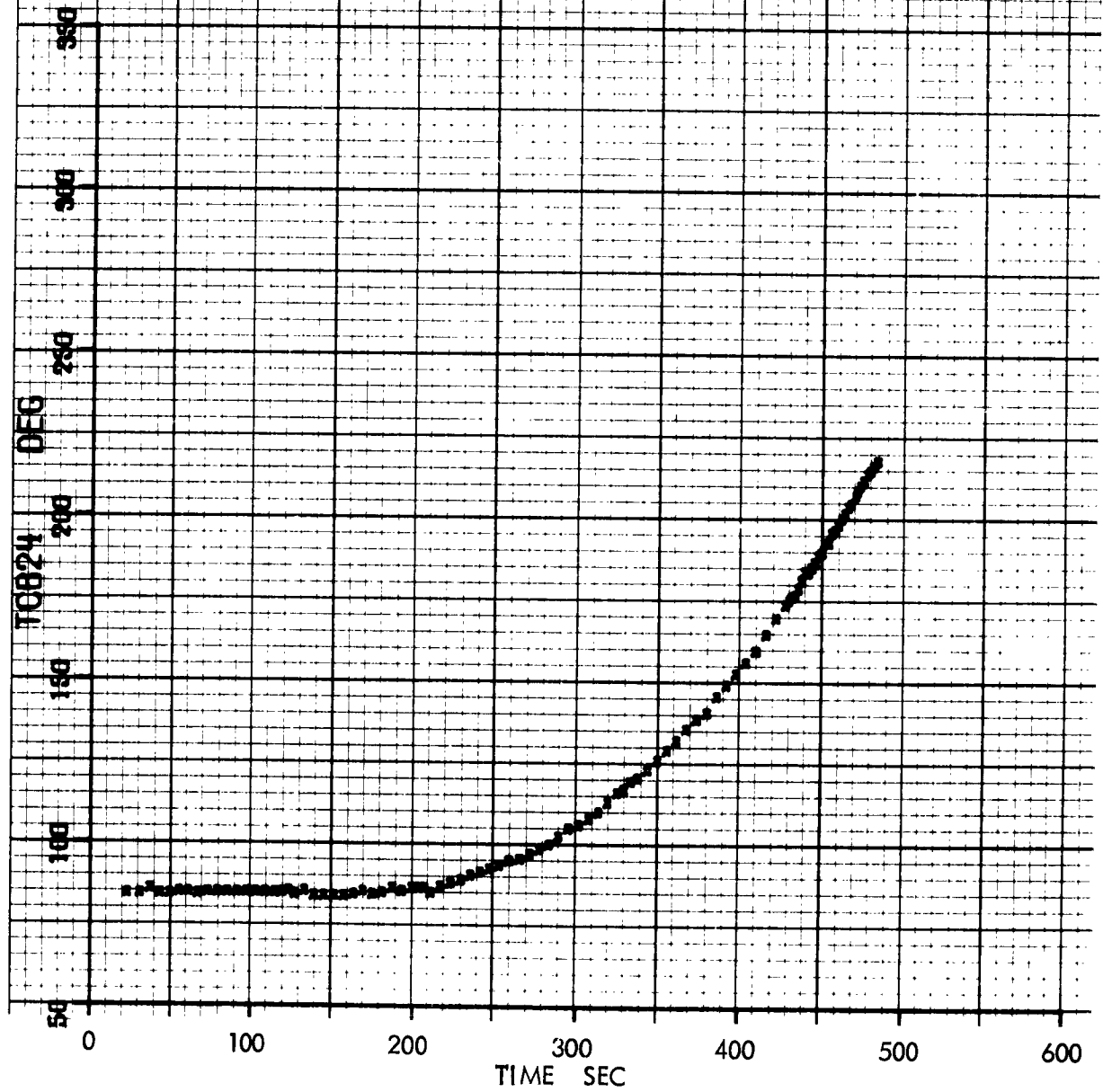
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TEST 036 9/23



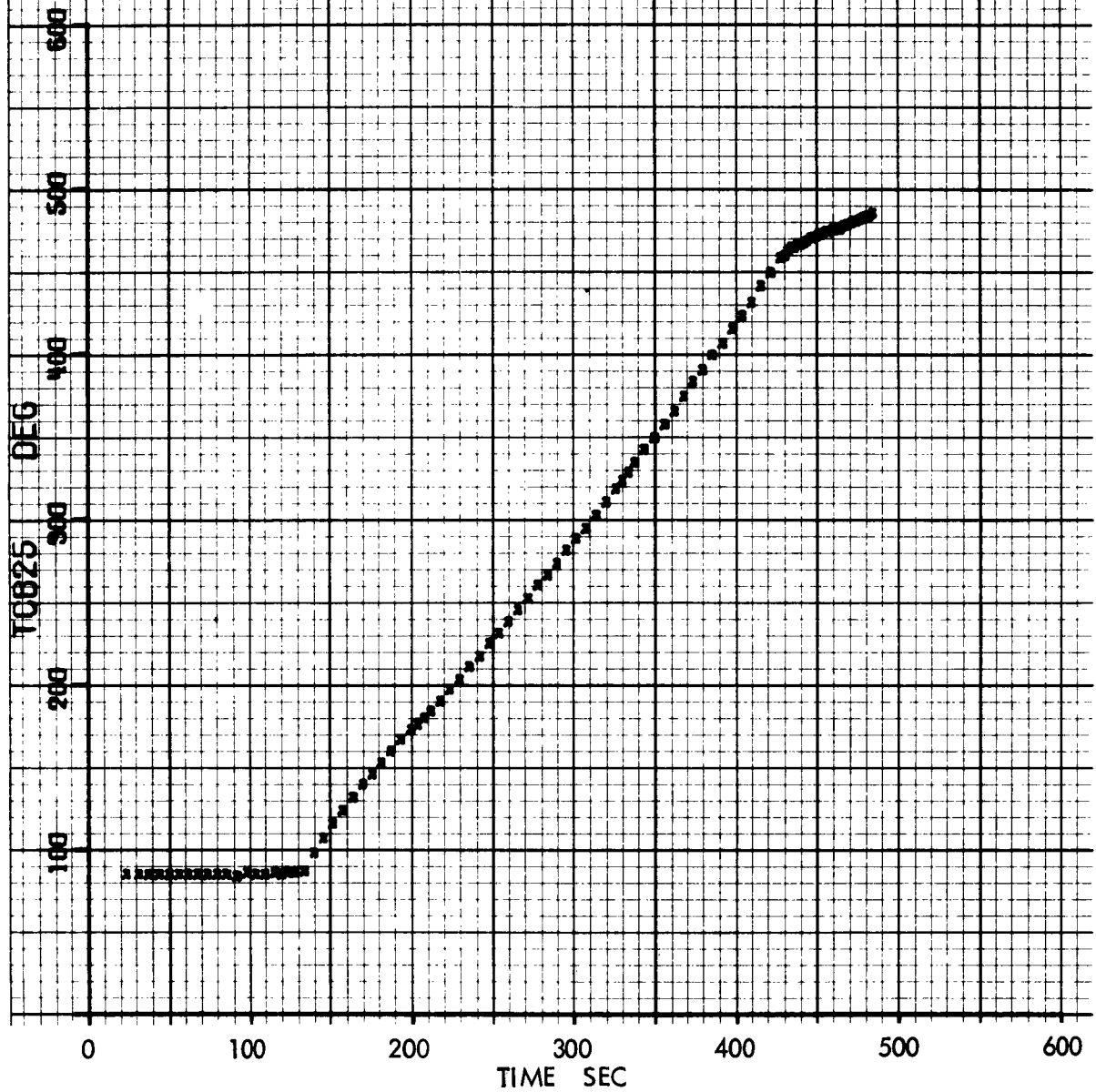
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TEST 036 9/23



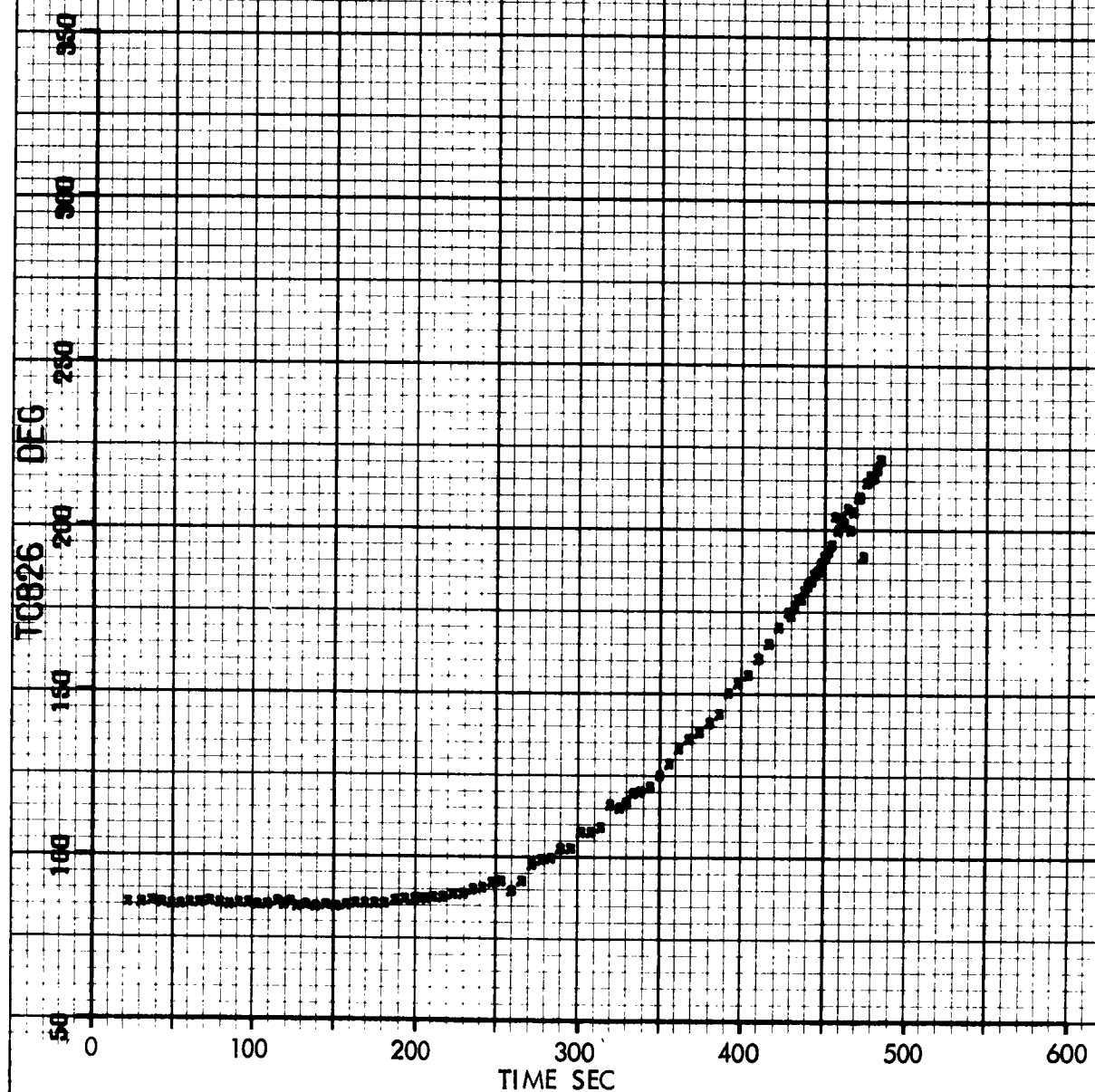
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TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

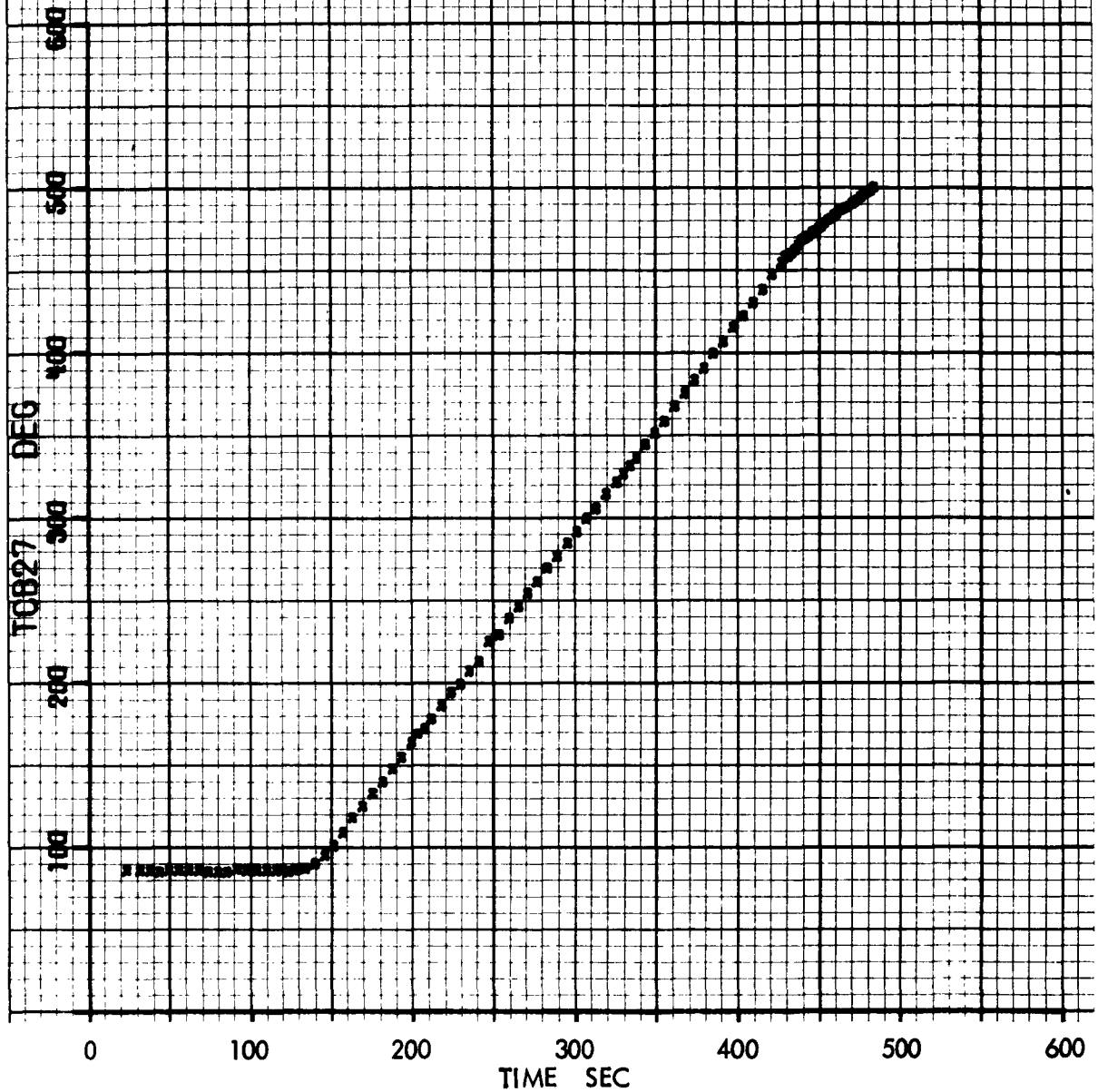
TEST 036 9/23





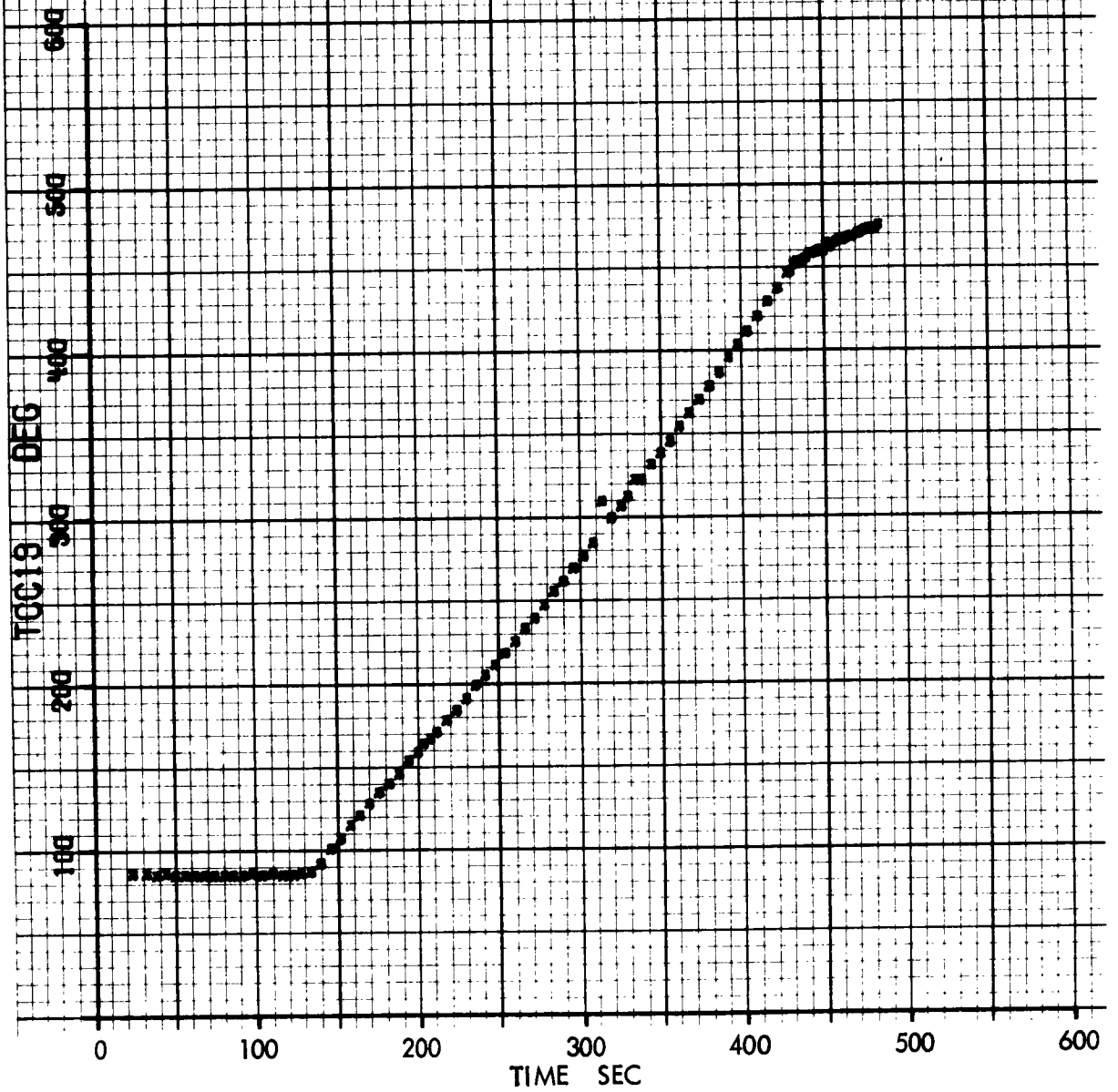
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TEST 036 9/29



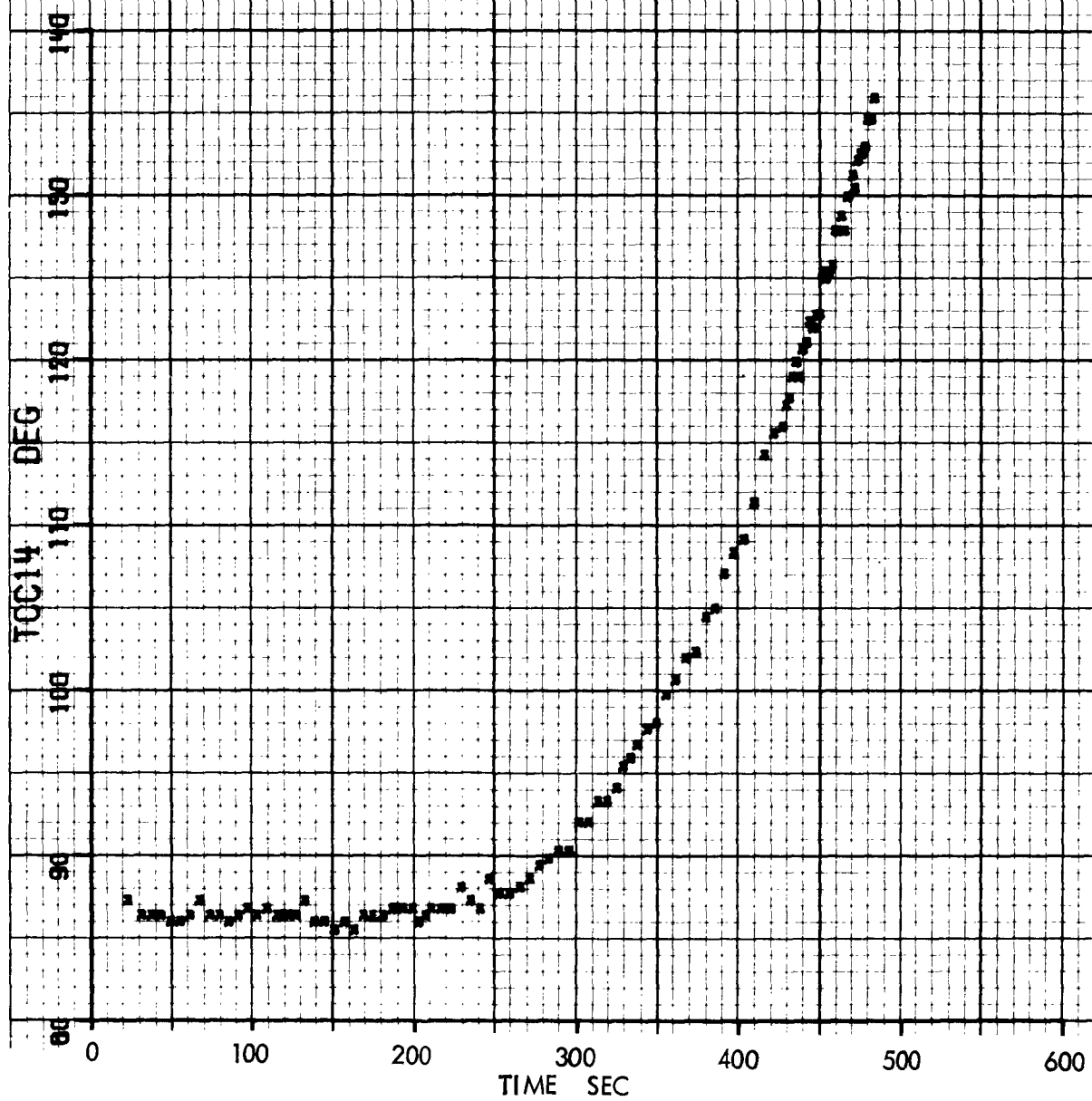
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TEST 036 9/23

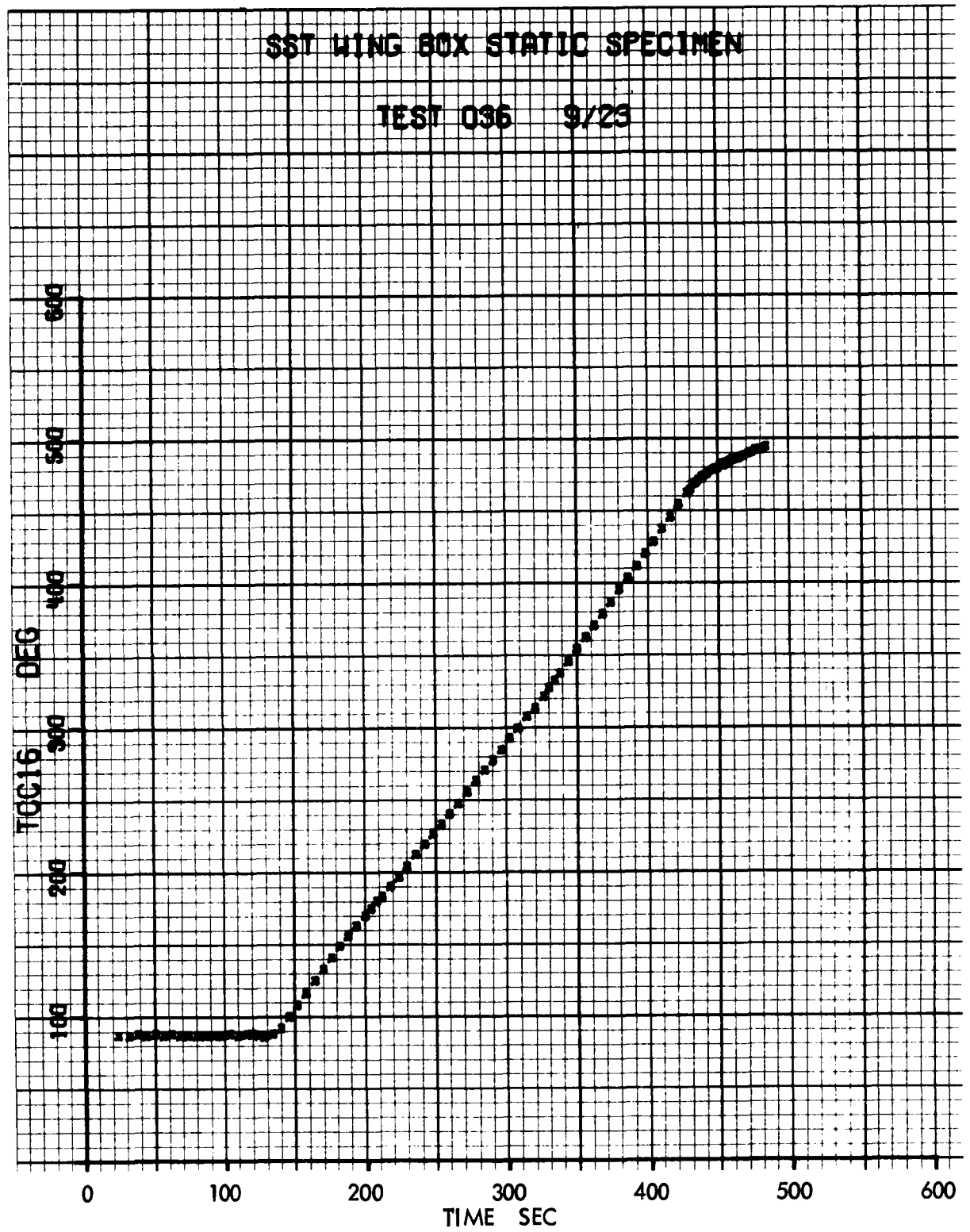


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

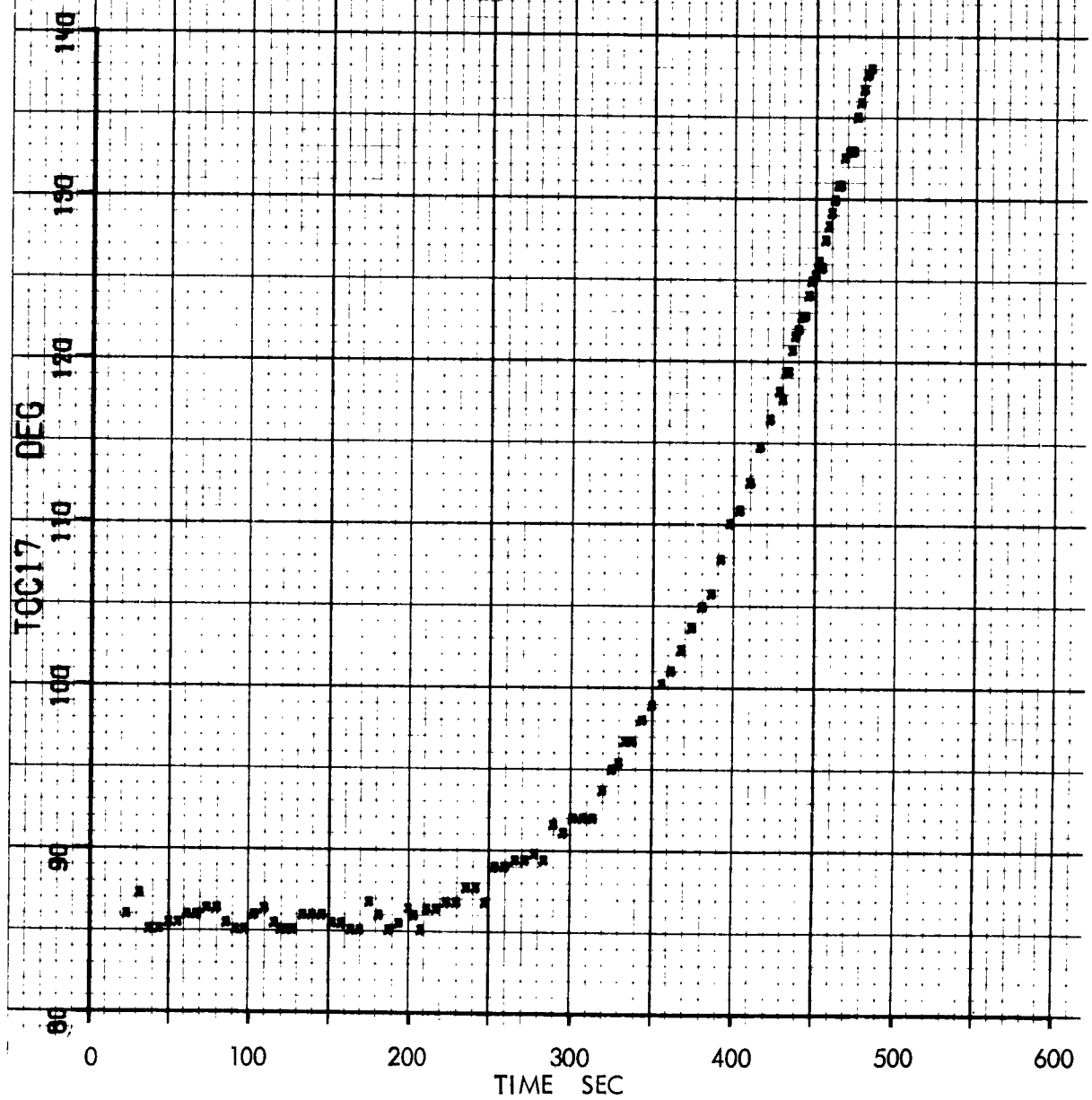


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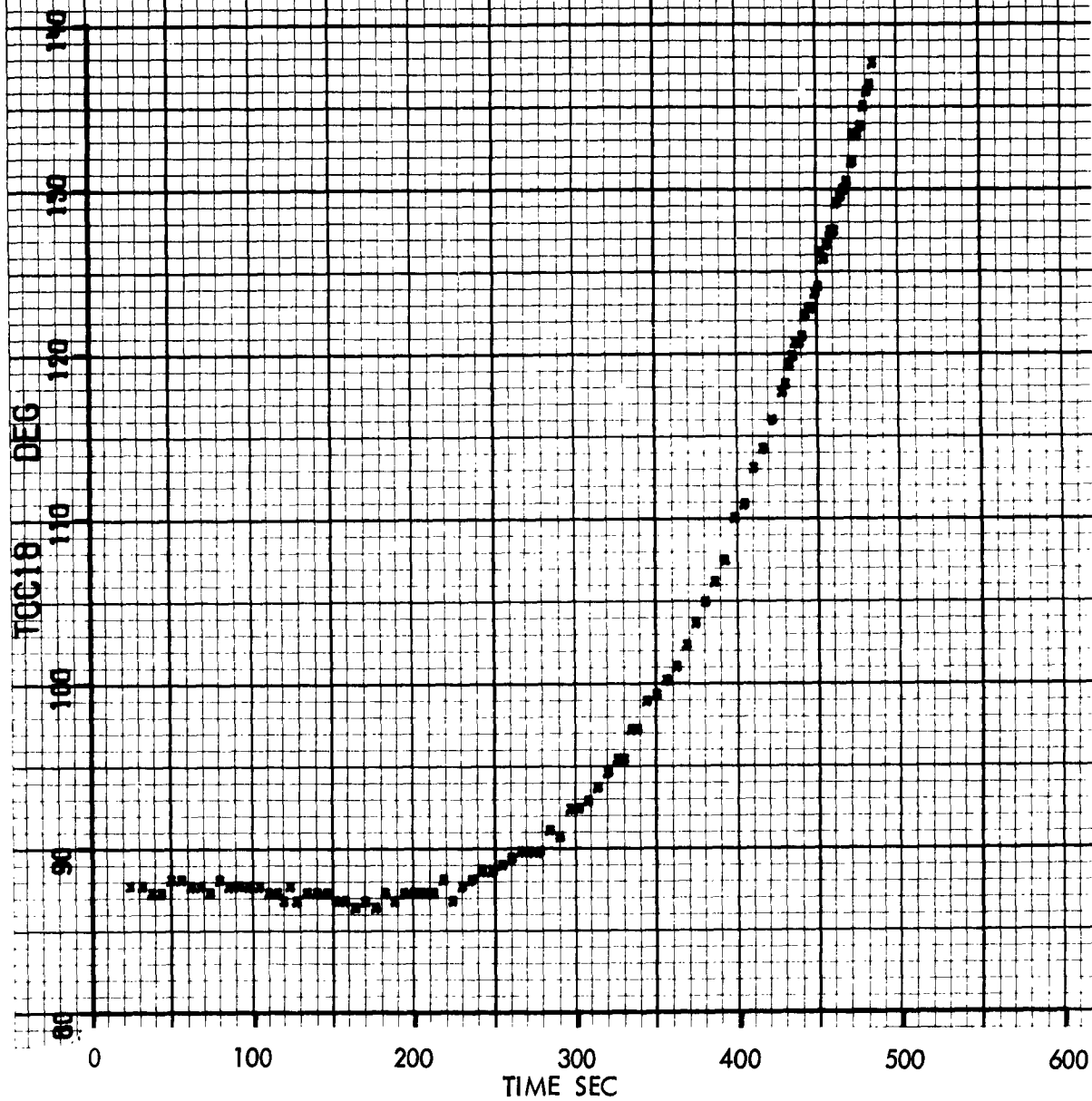
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TEST 036 9/23



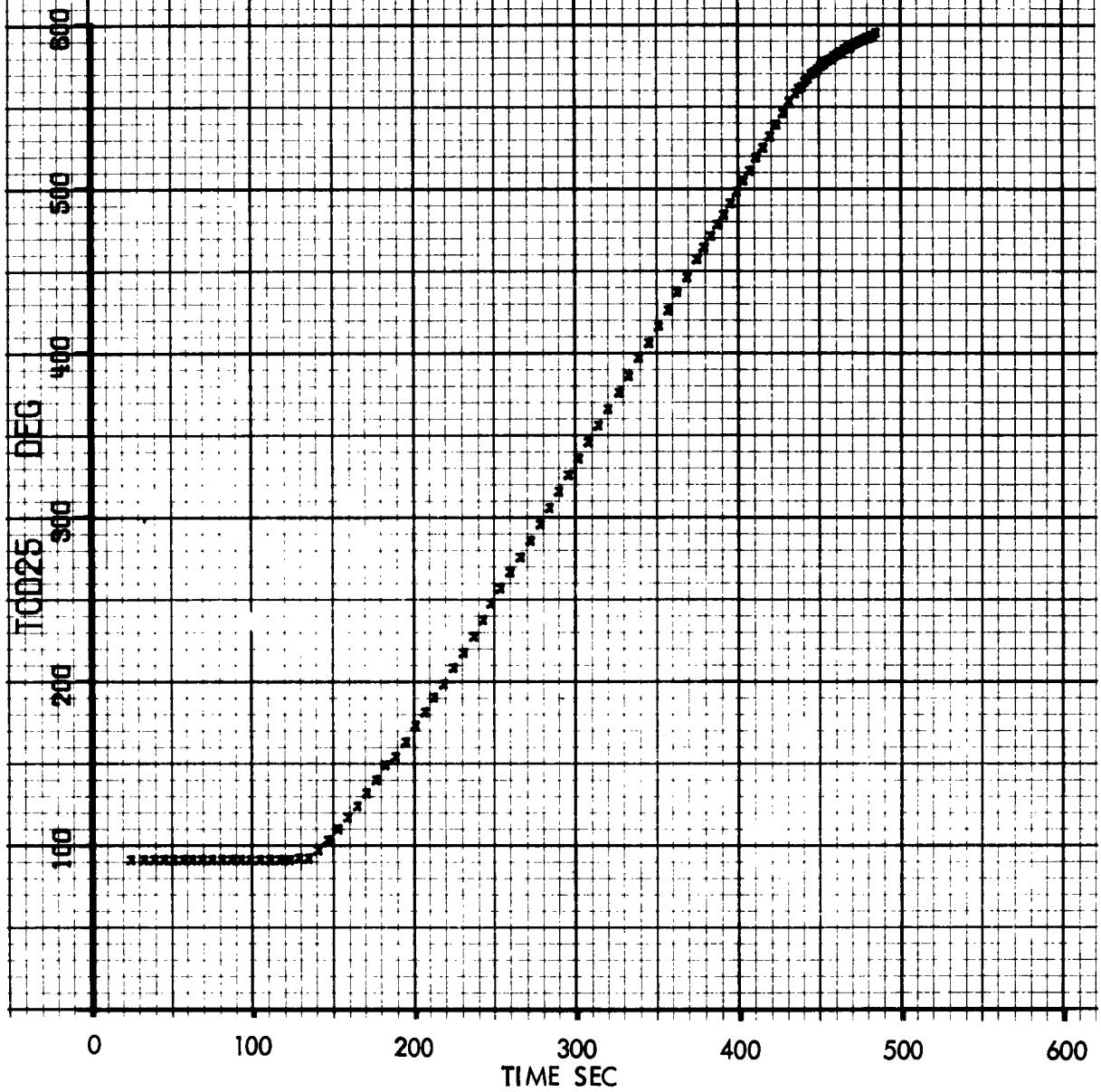
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TEST 036 9/23



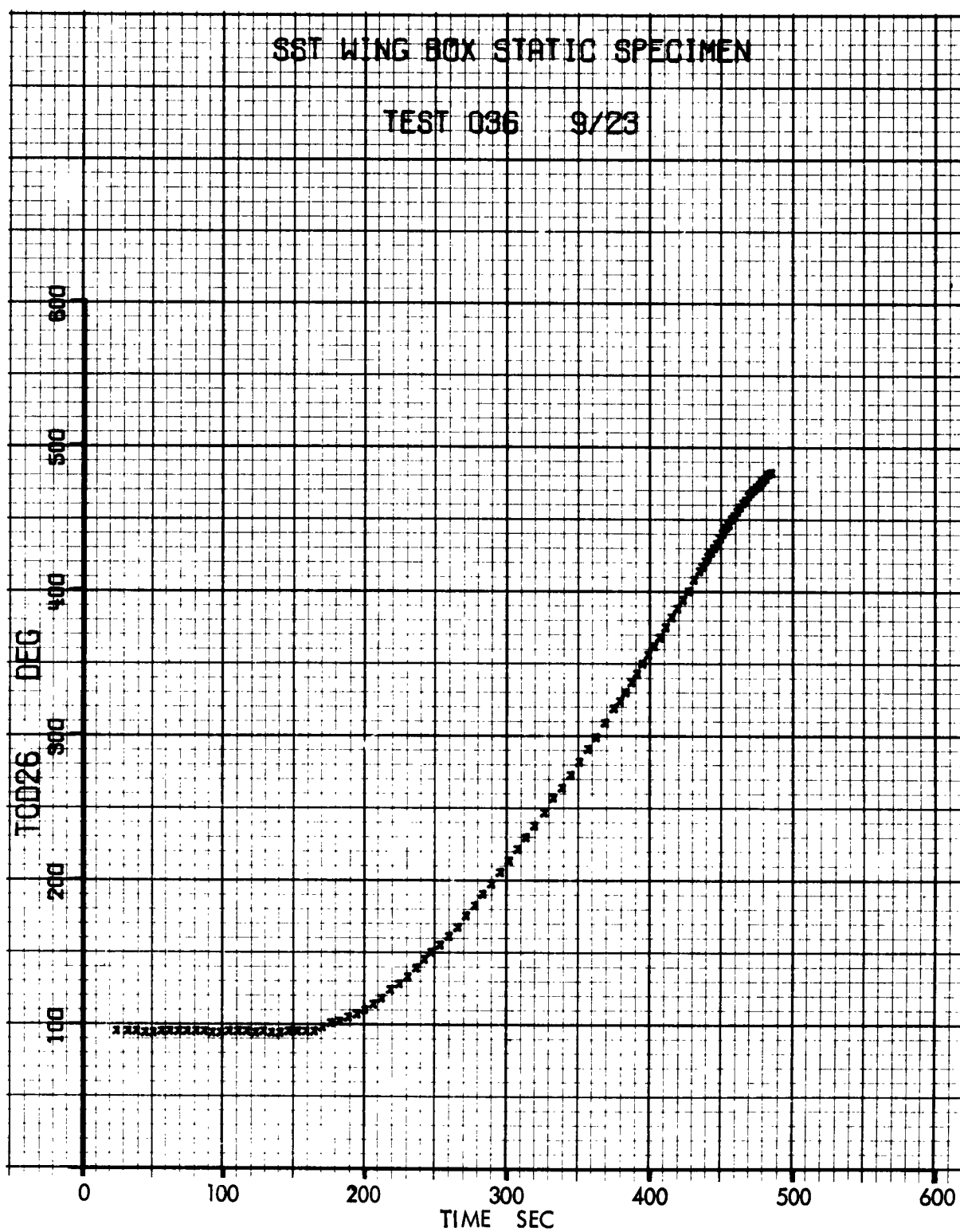
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TEST 036 9/23

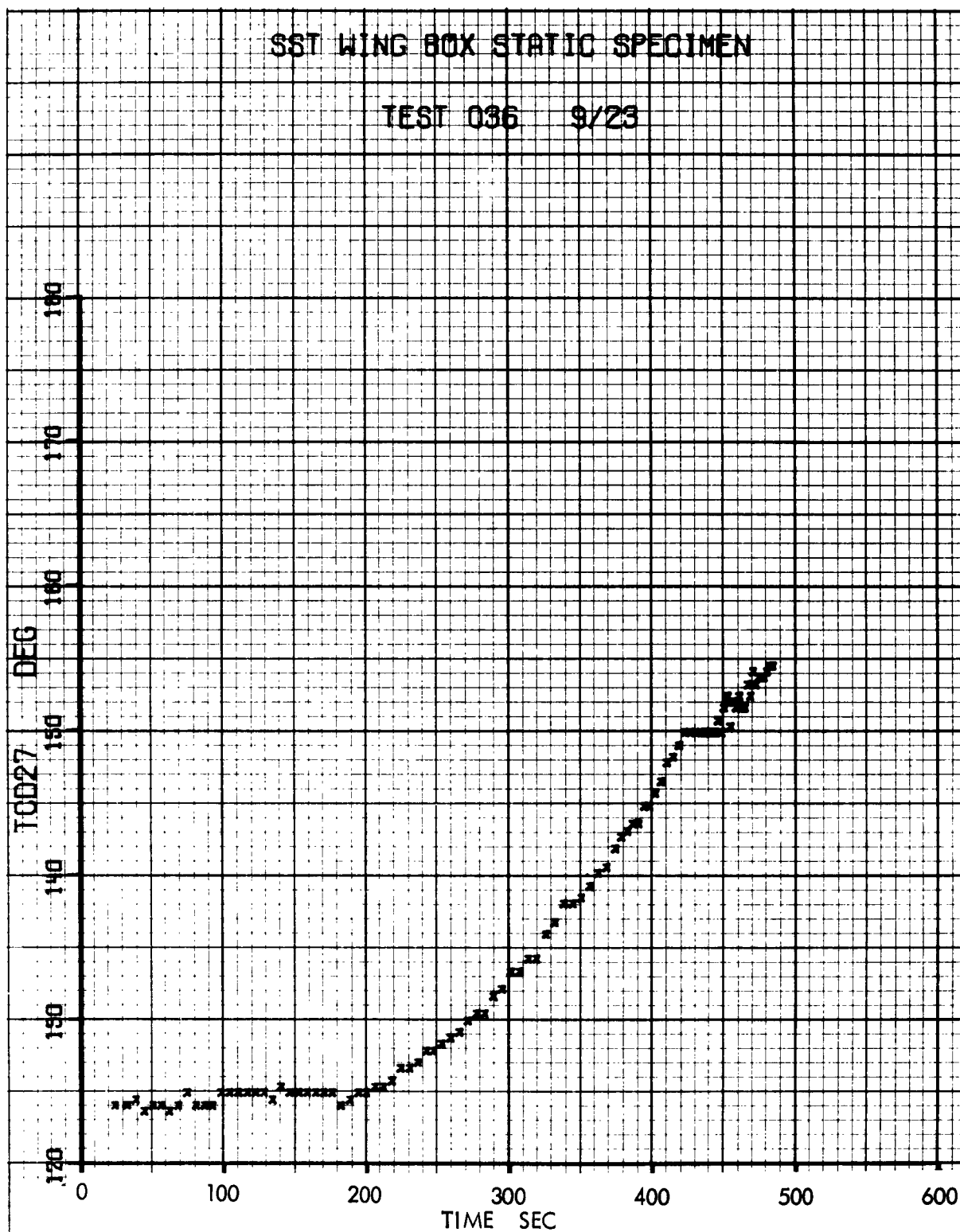


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TEST 036 9/23

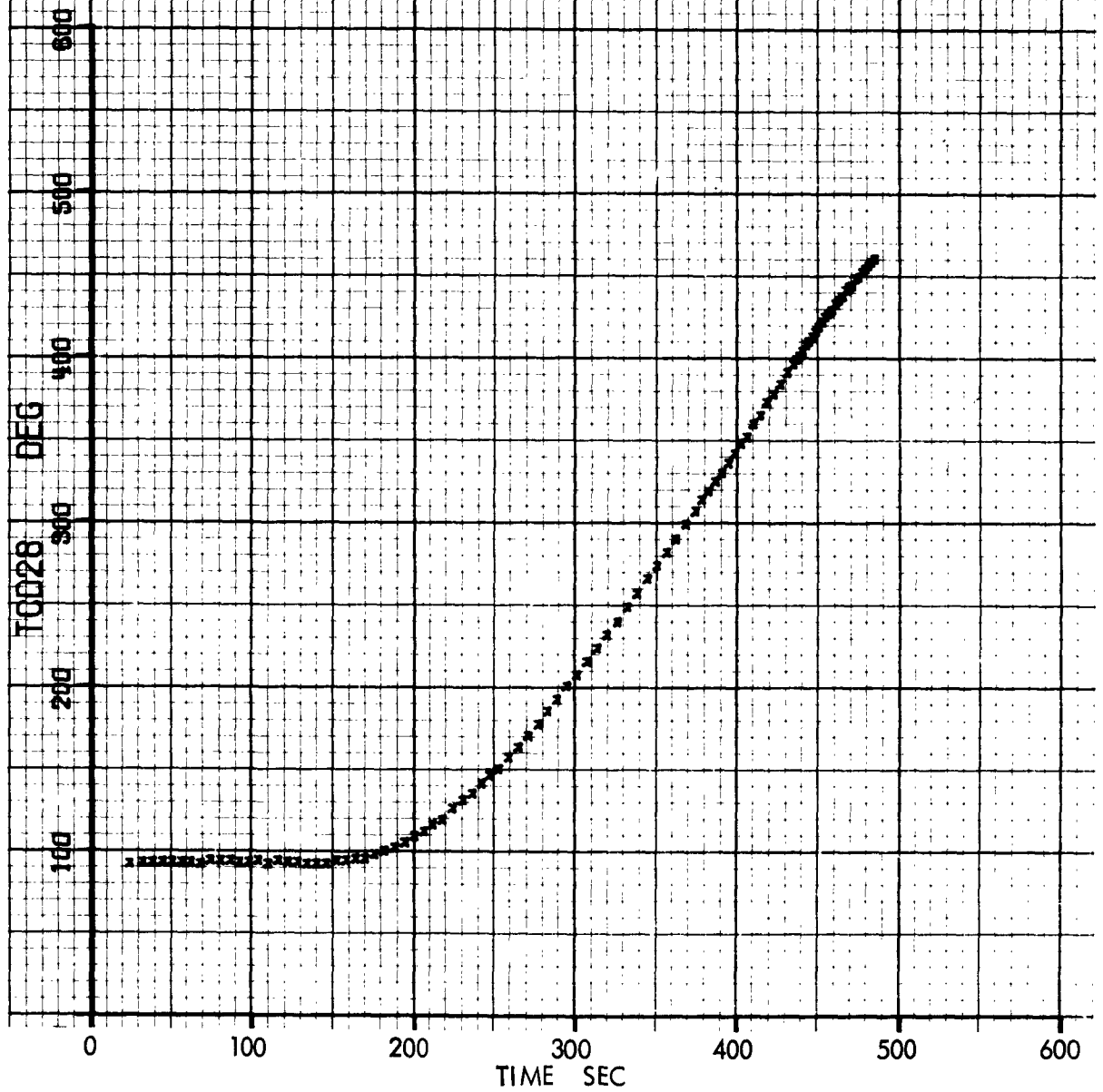






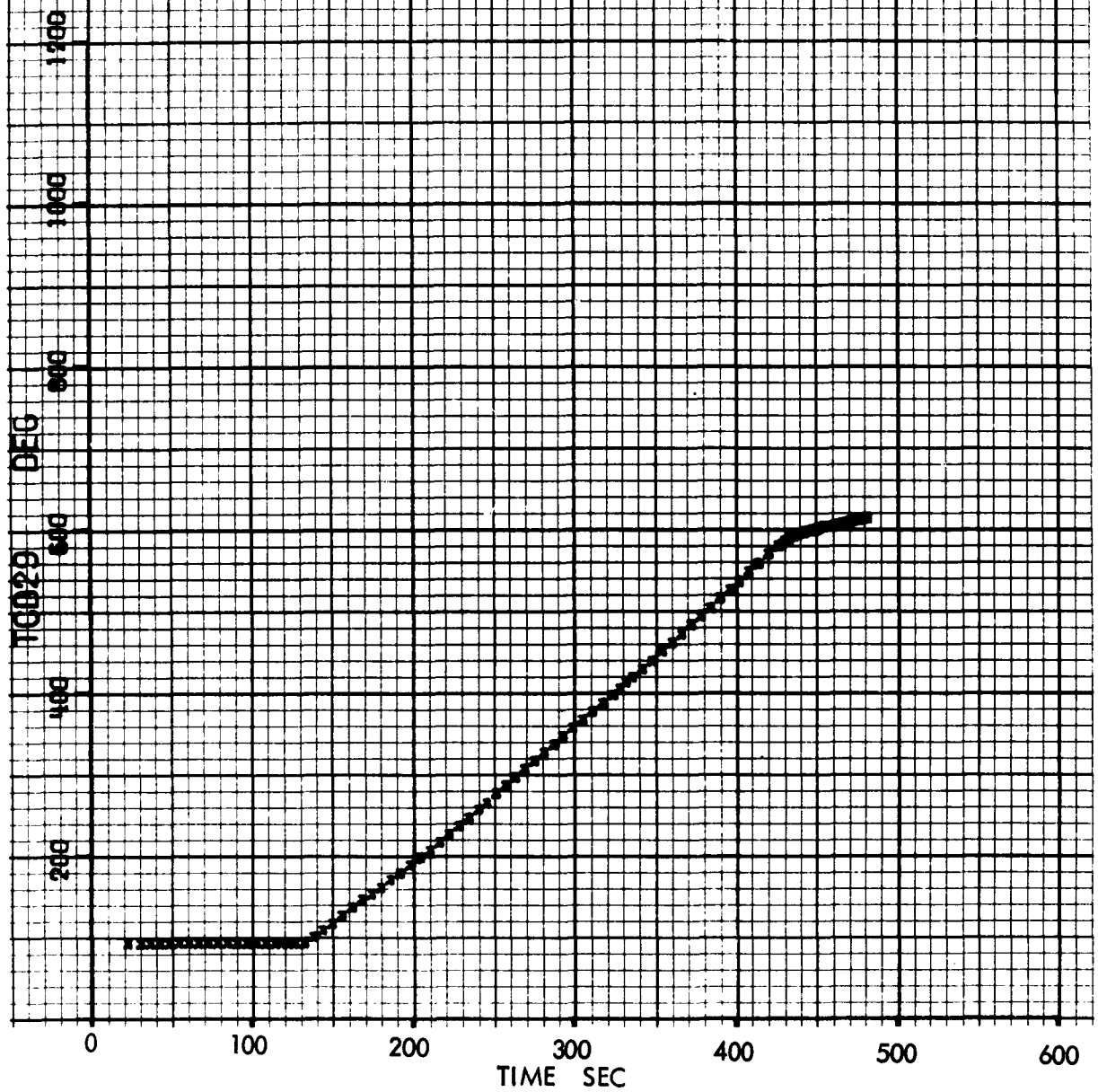
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TEST 036 9/23



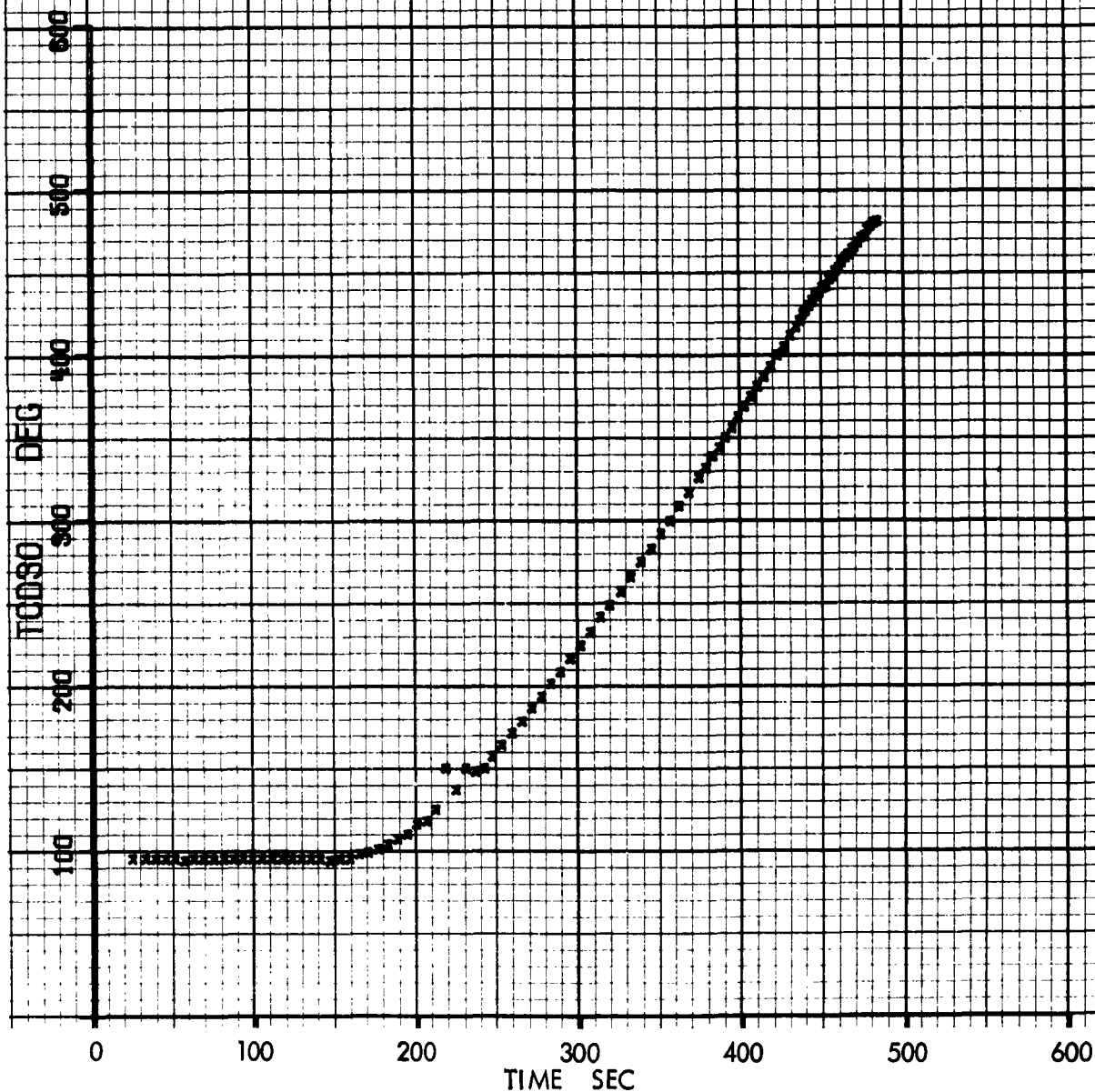
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TEST 036 9/23



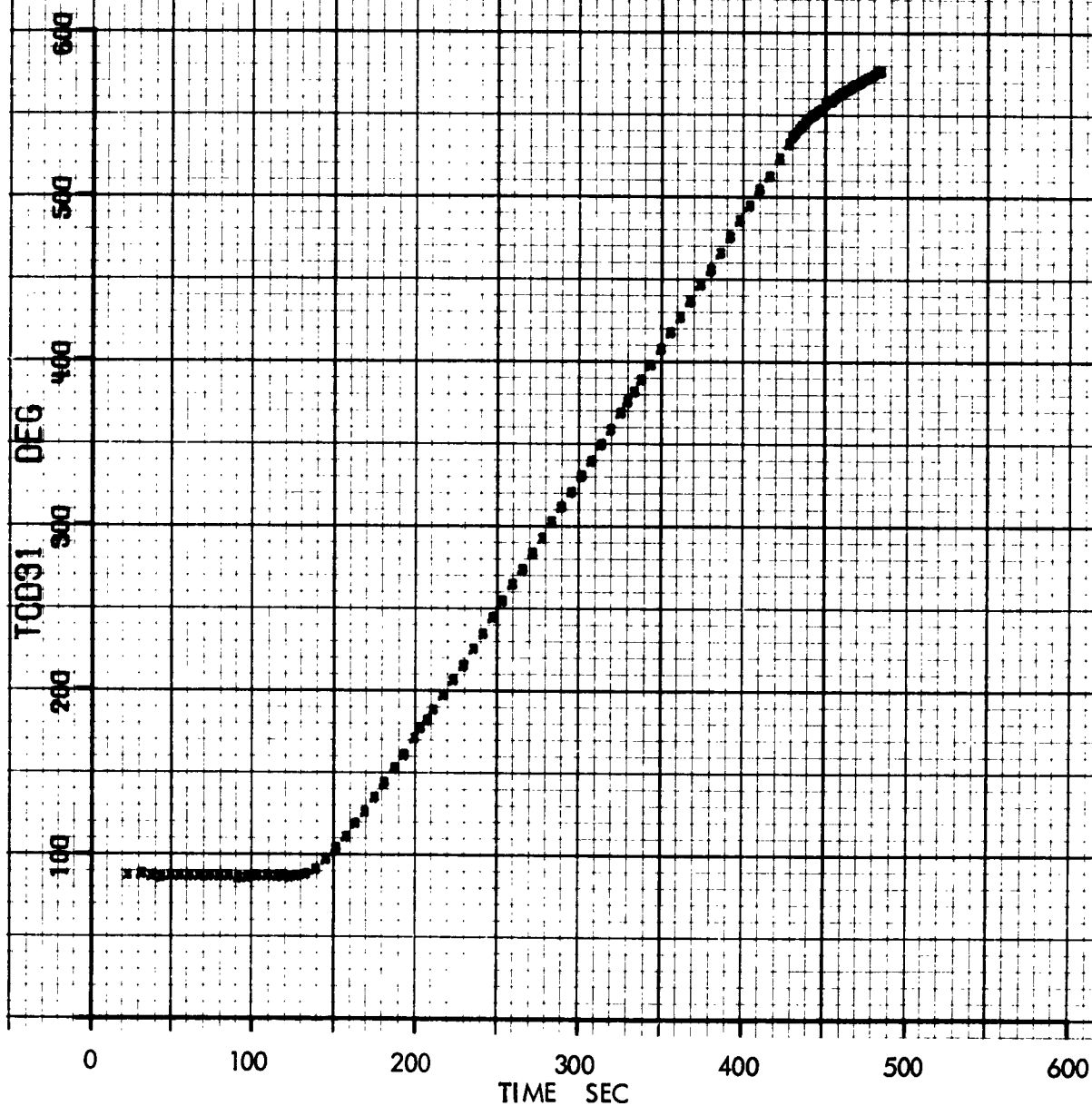
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



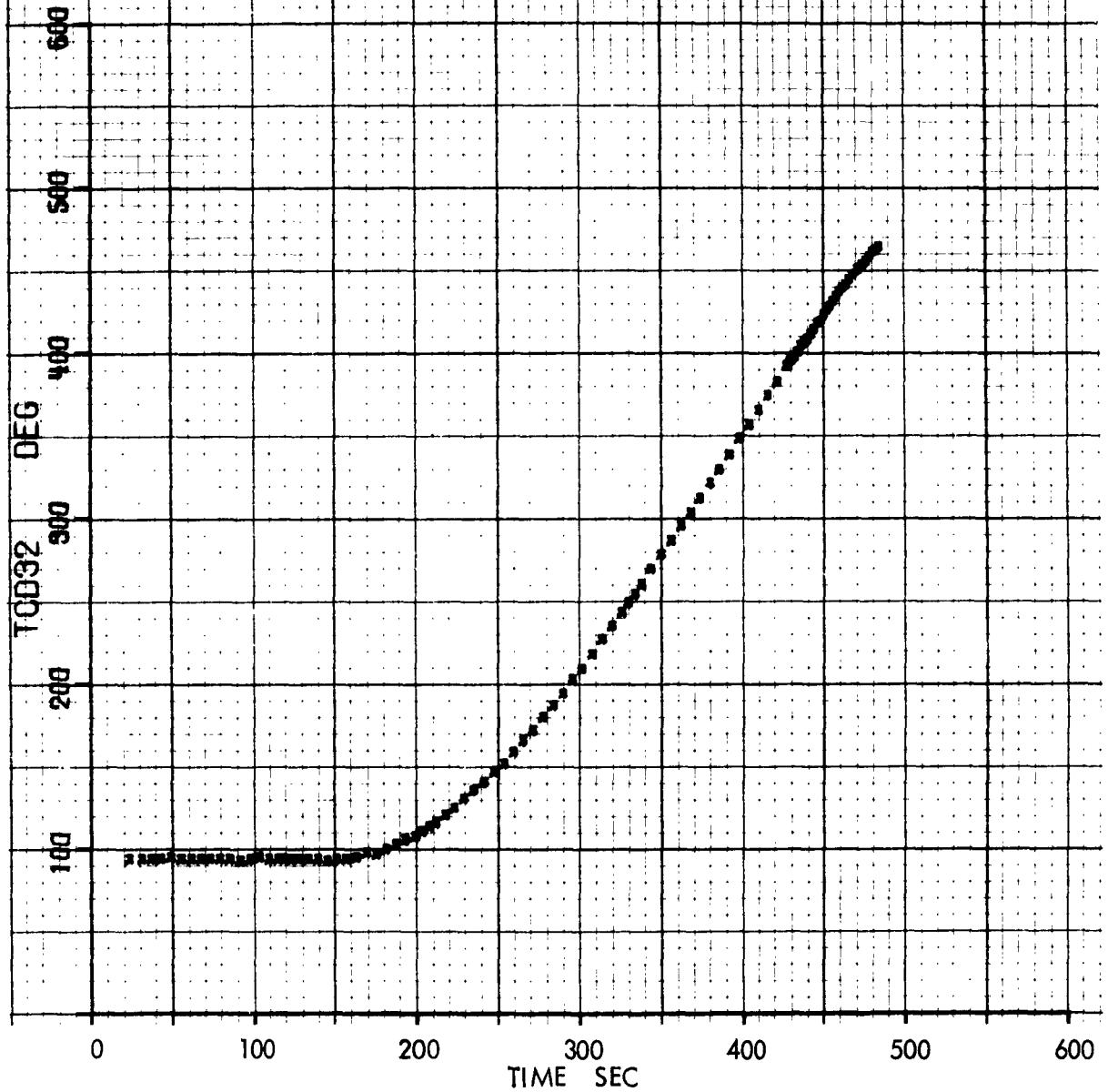
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



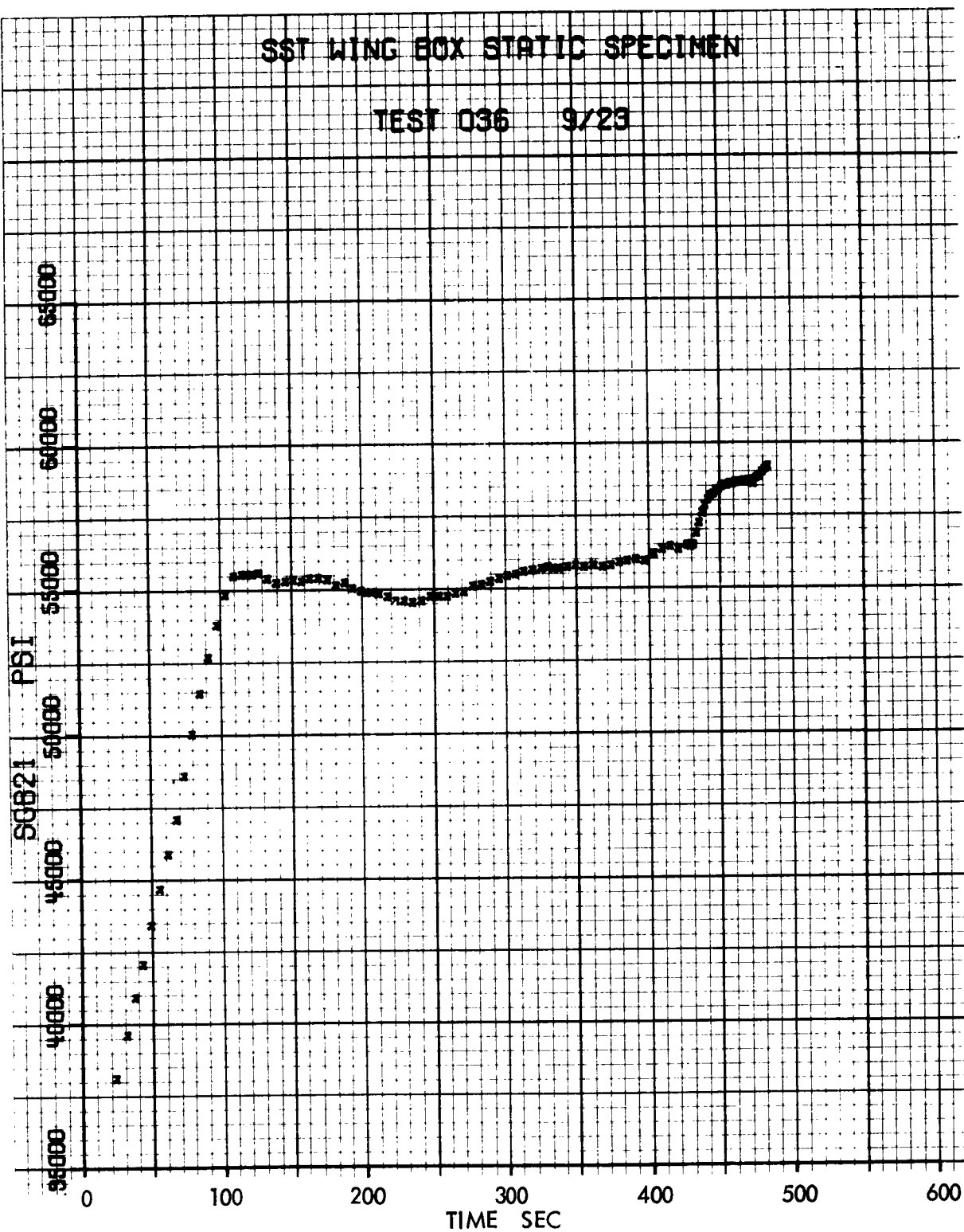
# SST WING BOX STATIC SPECIMEN

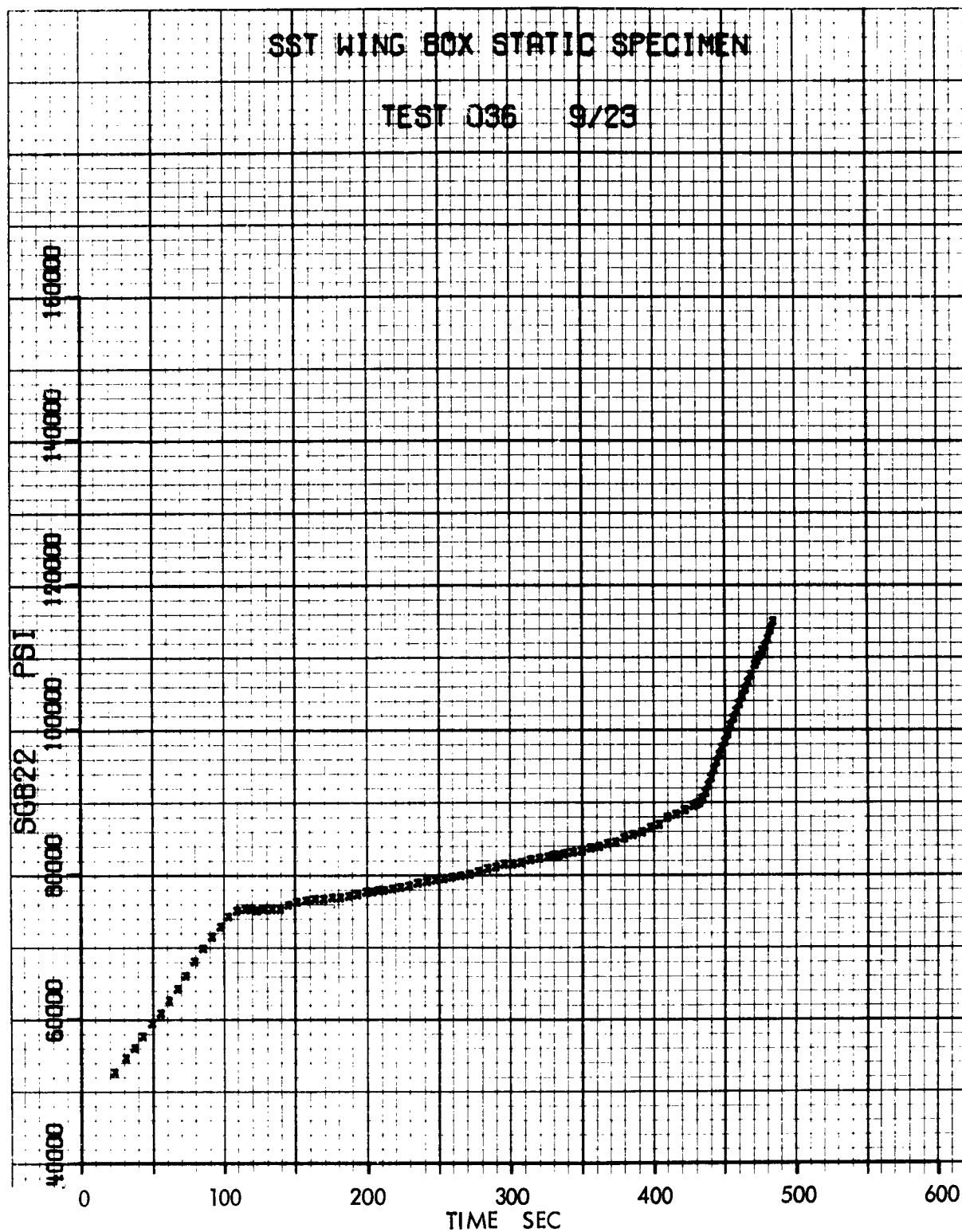
TEST 036 9/23



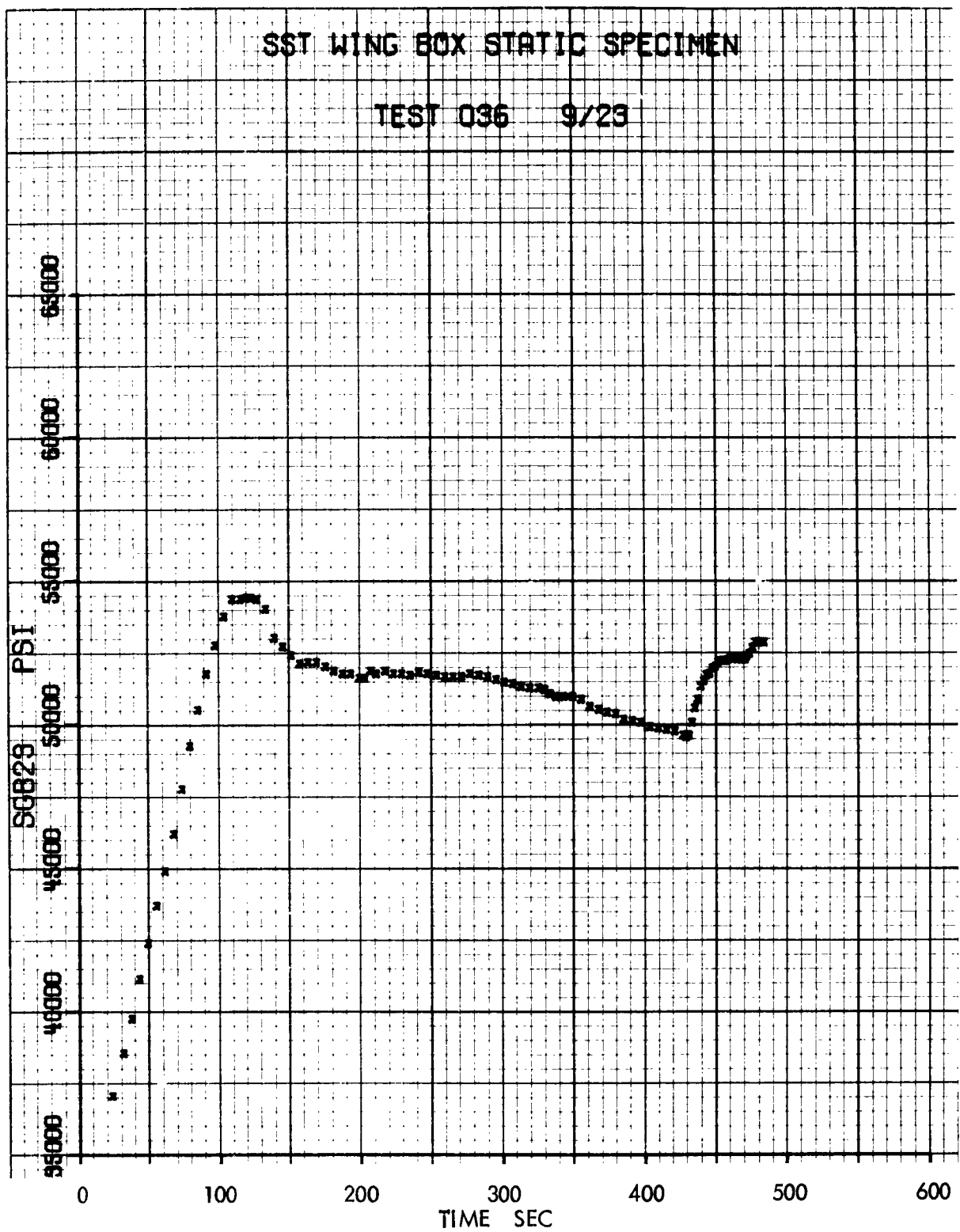
# SST WING BOX STATIC SPECIMEN

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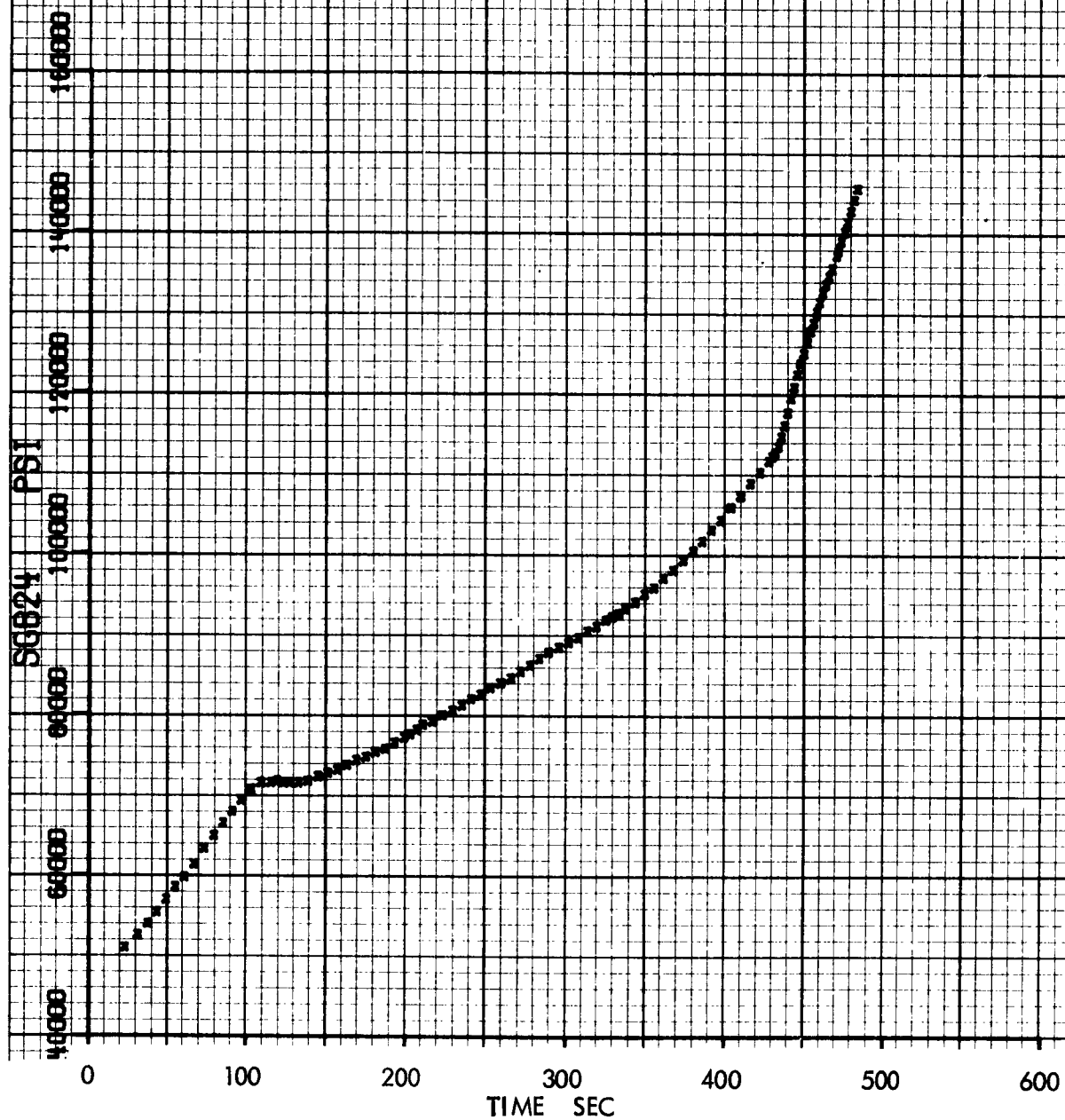






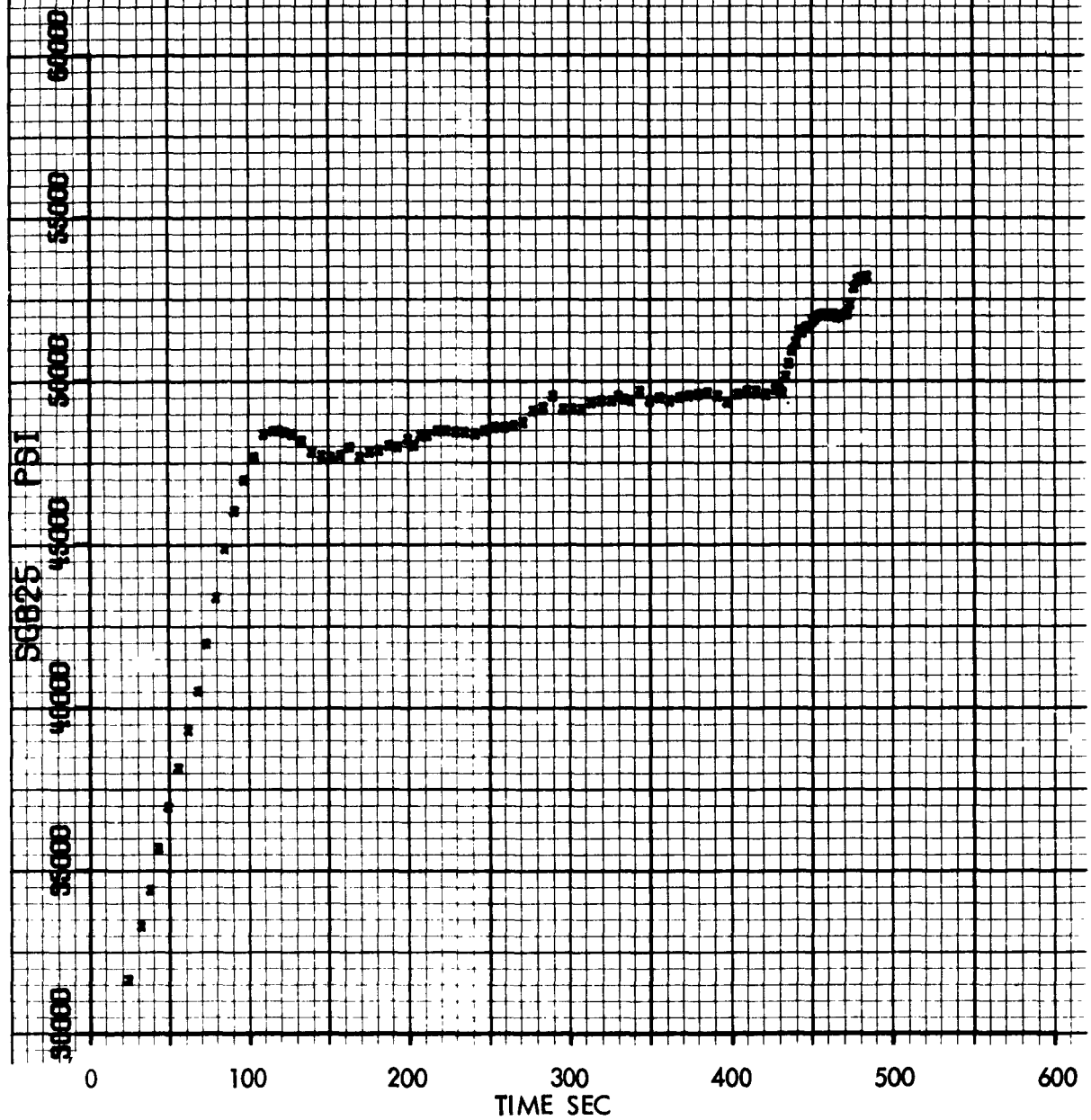
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



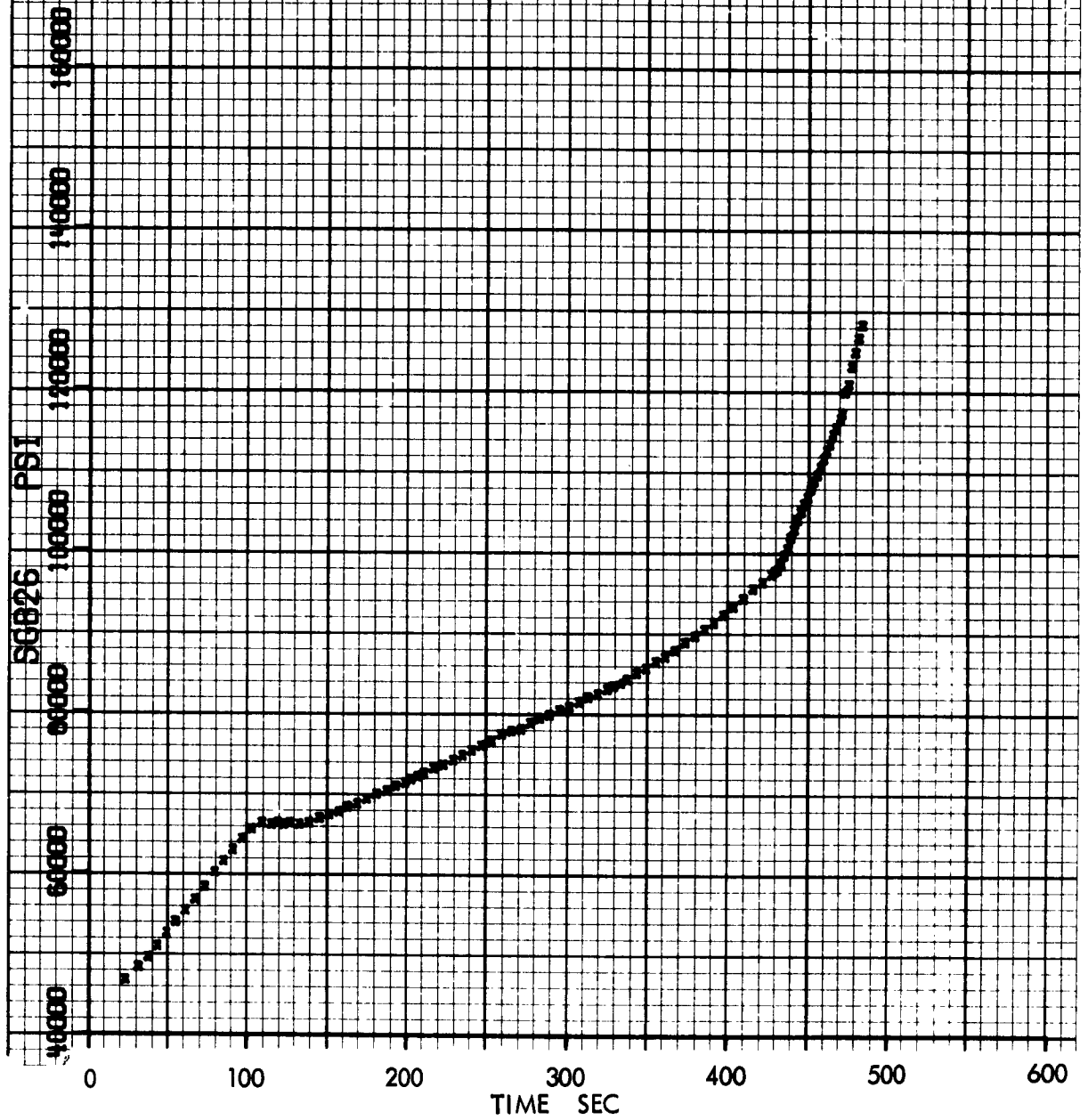
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



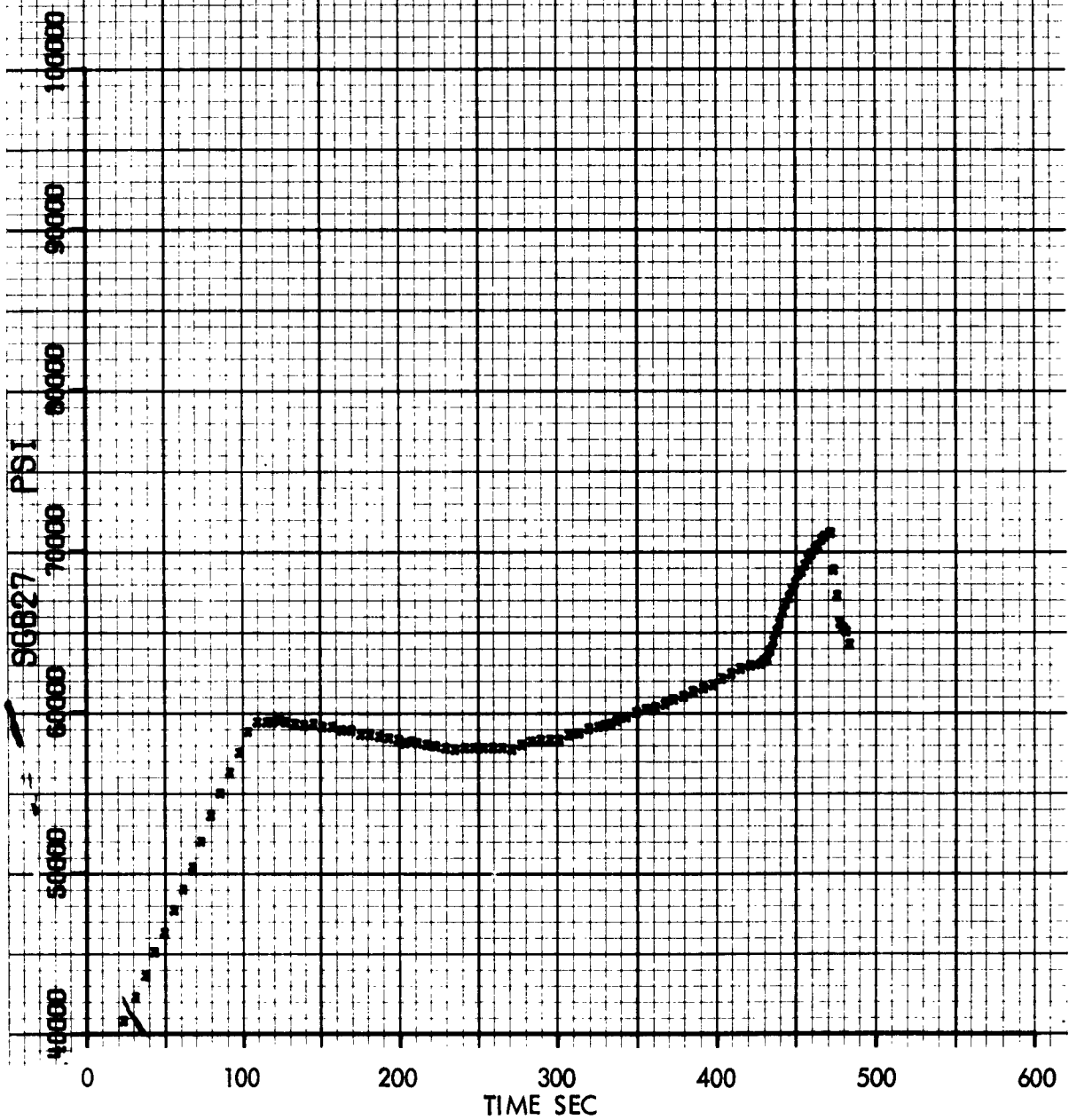
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



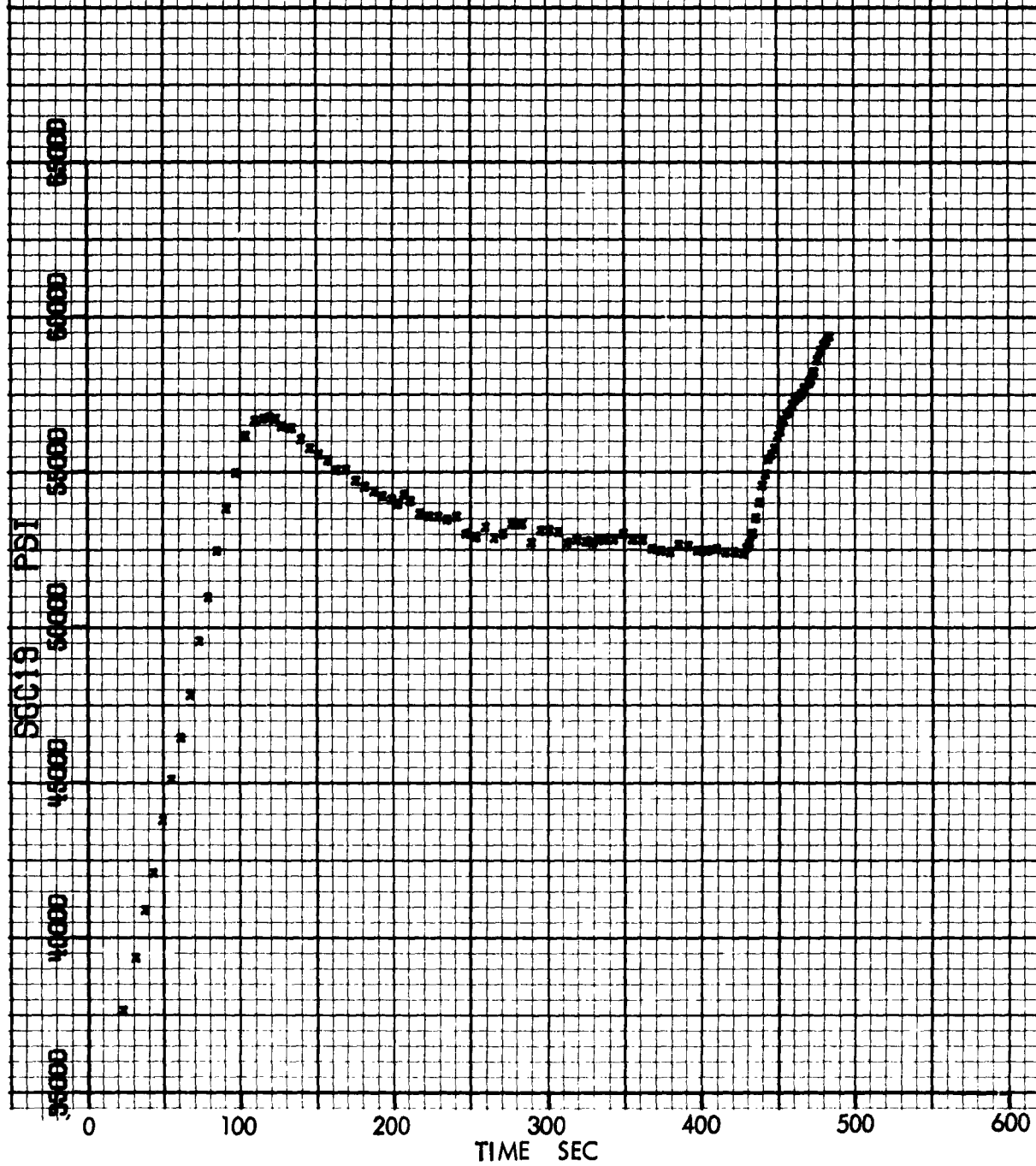
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



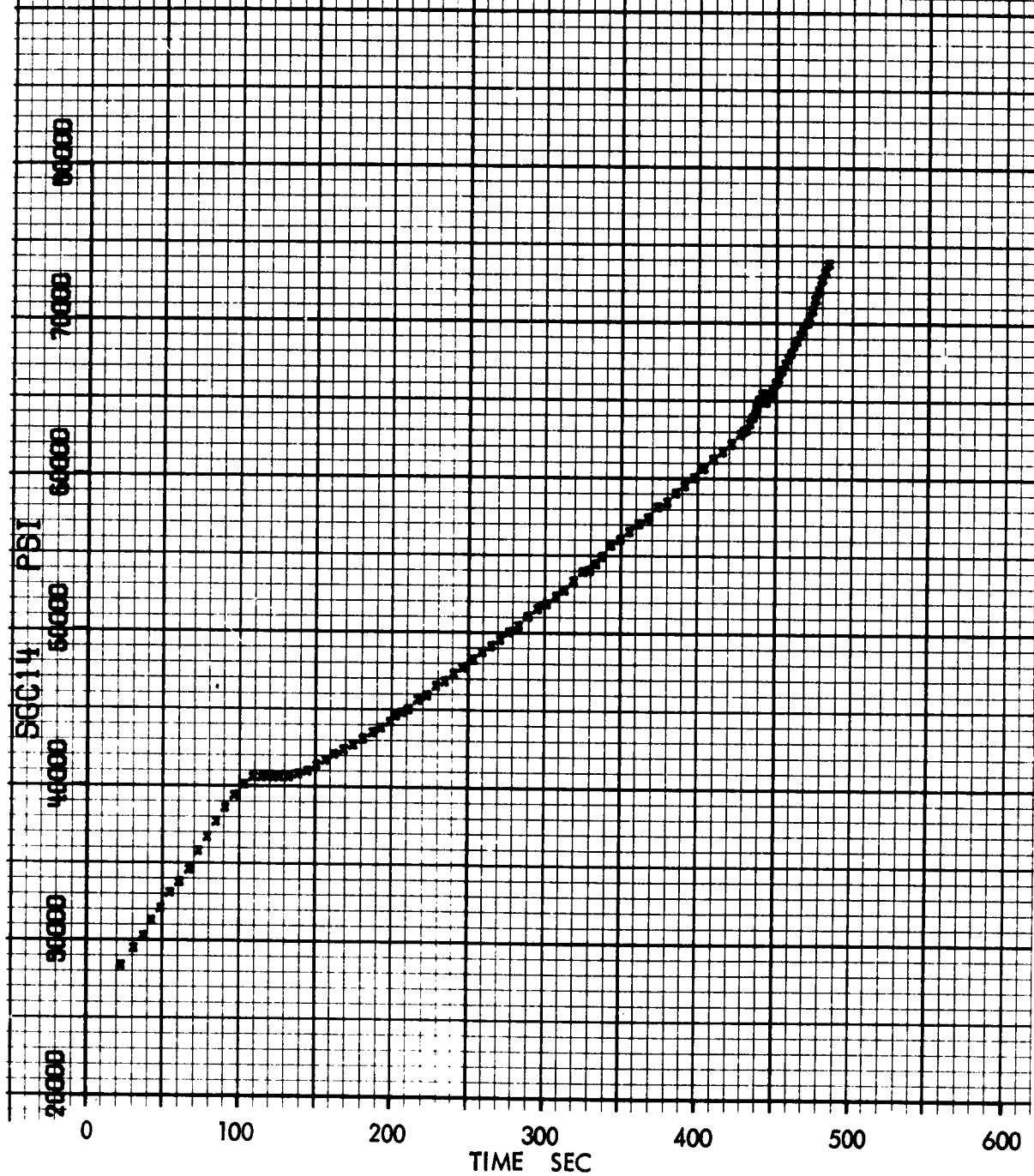
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



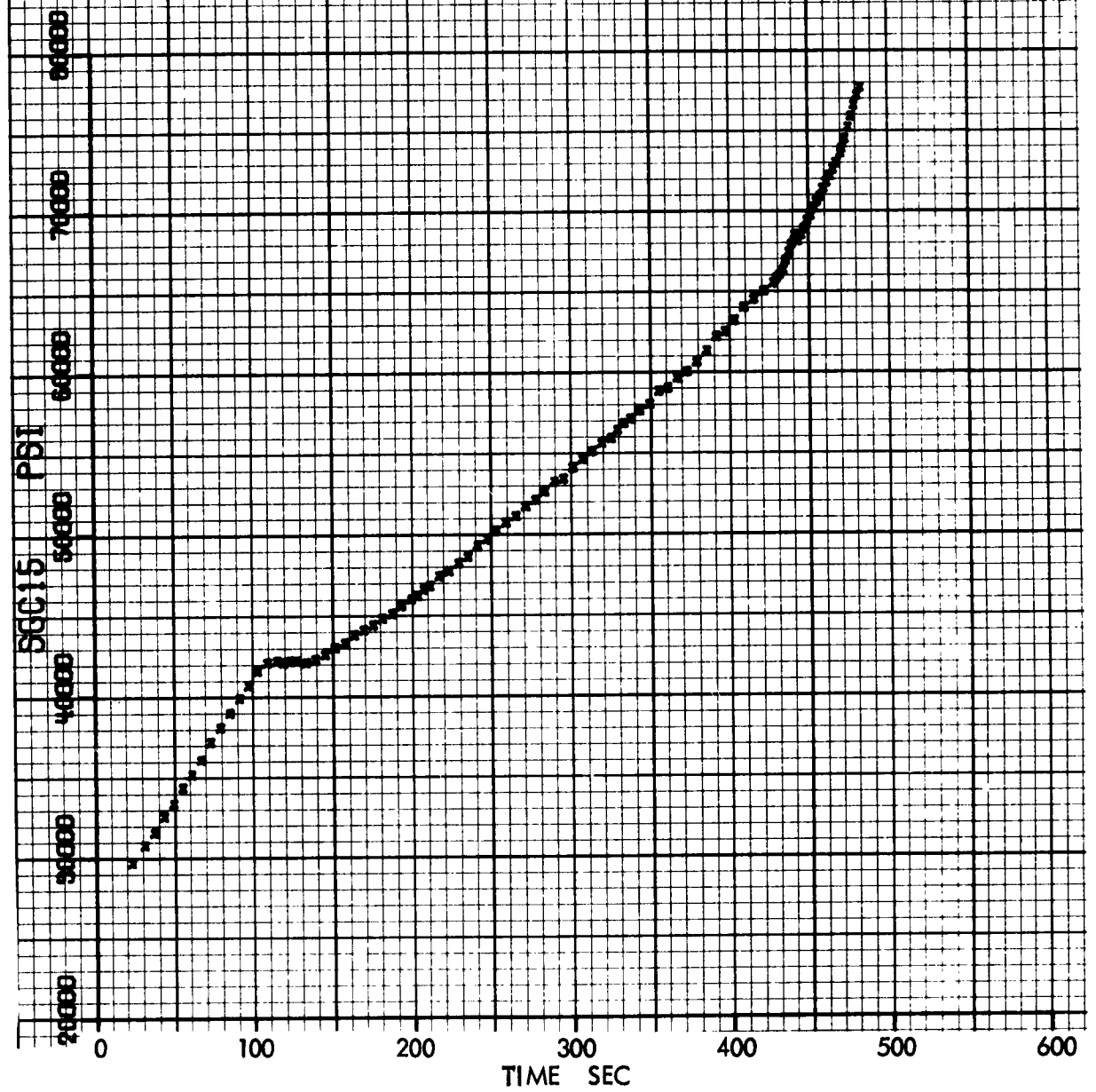
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

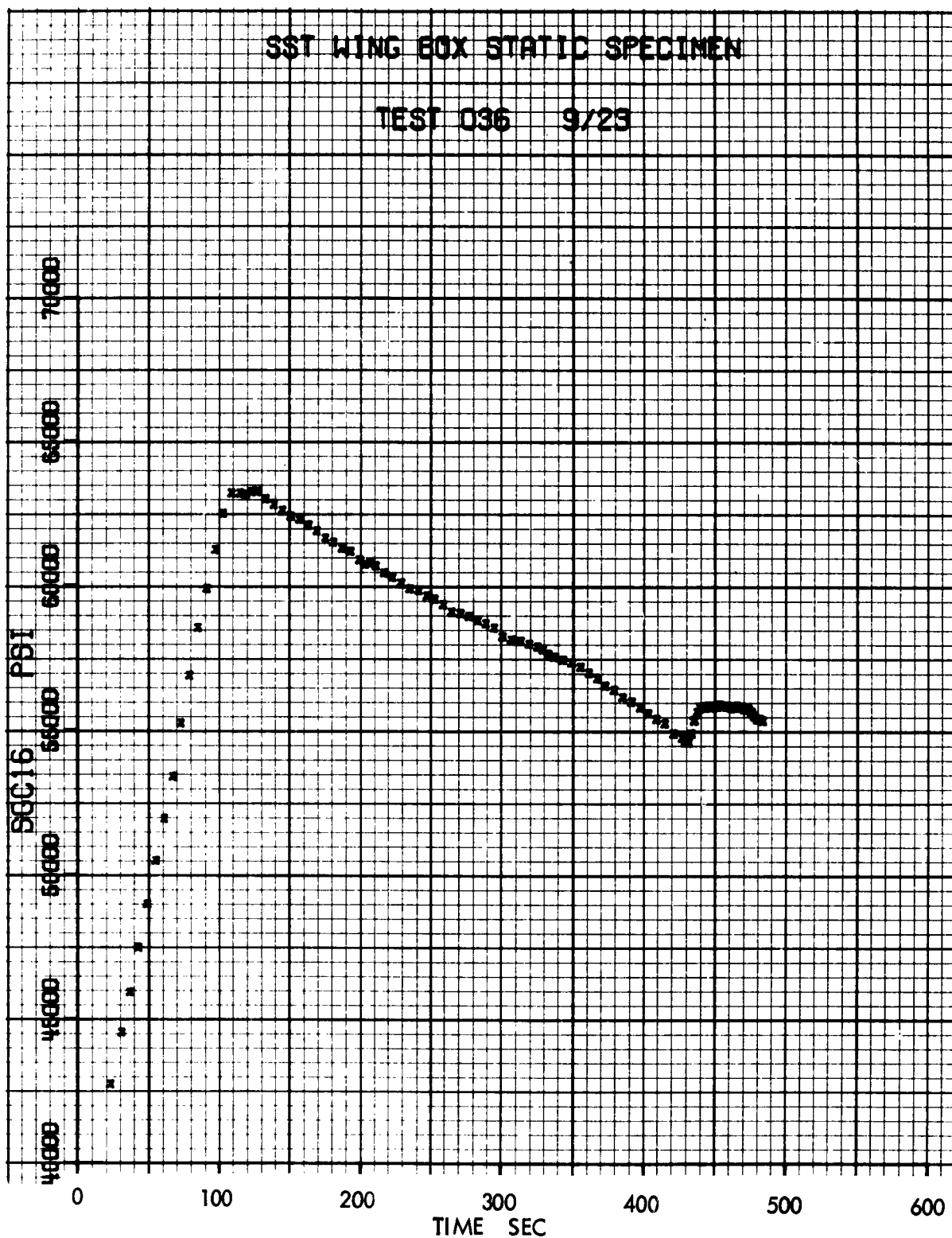


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

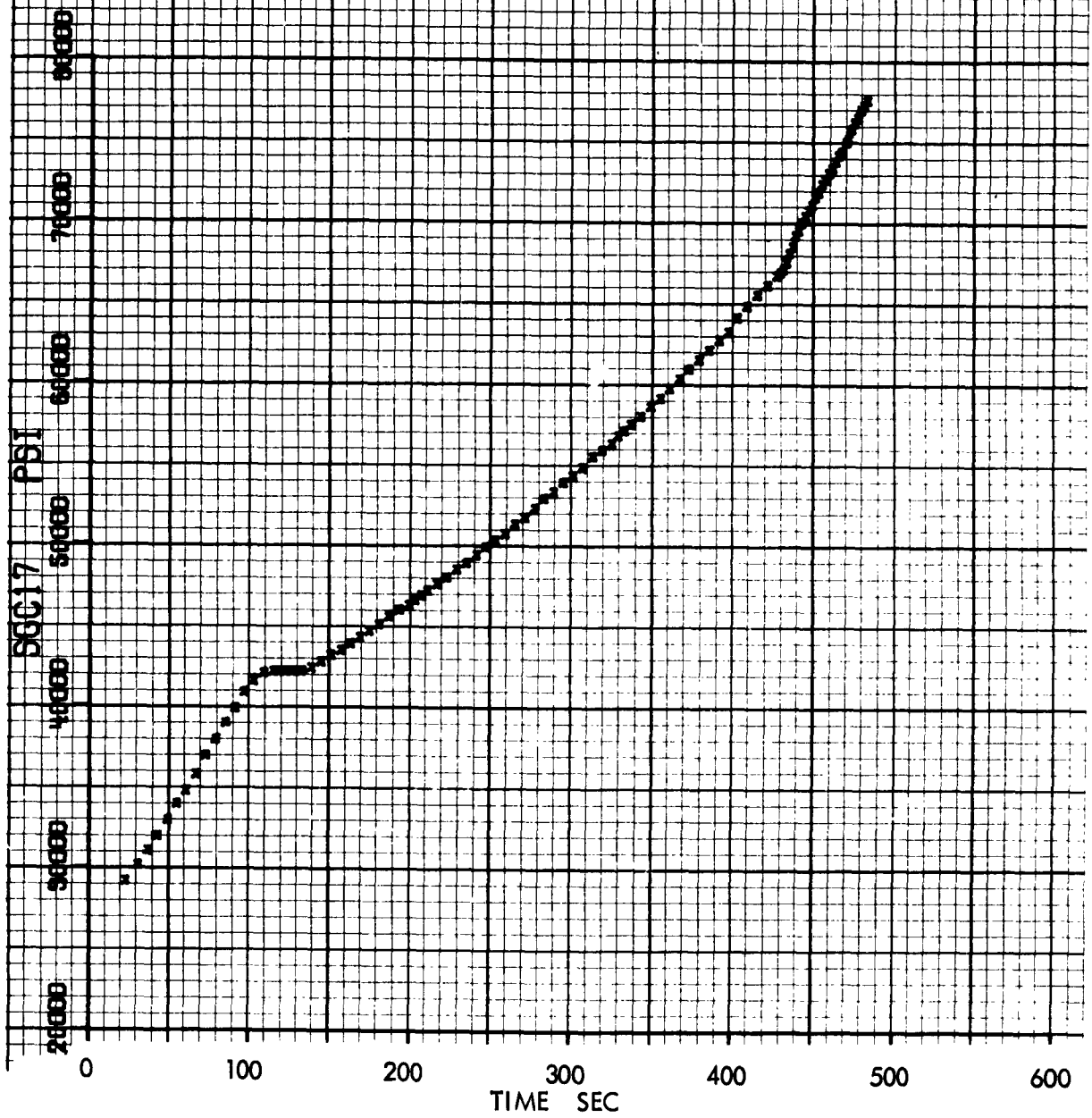






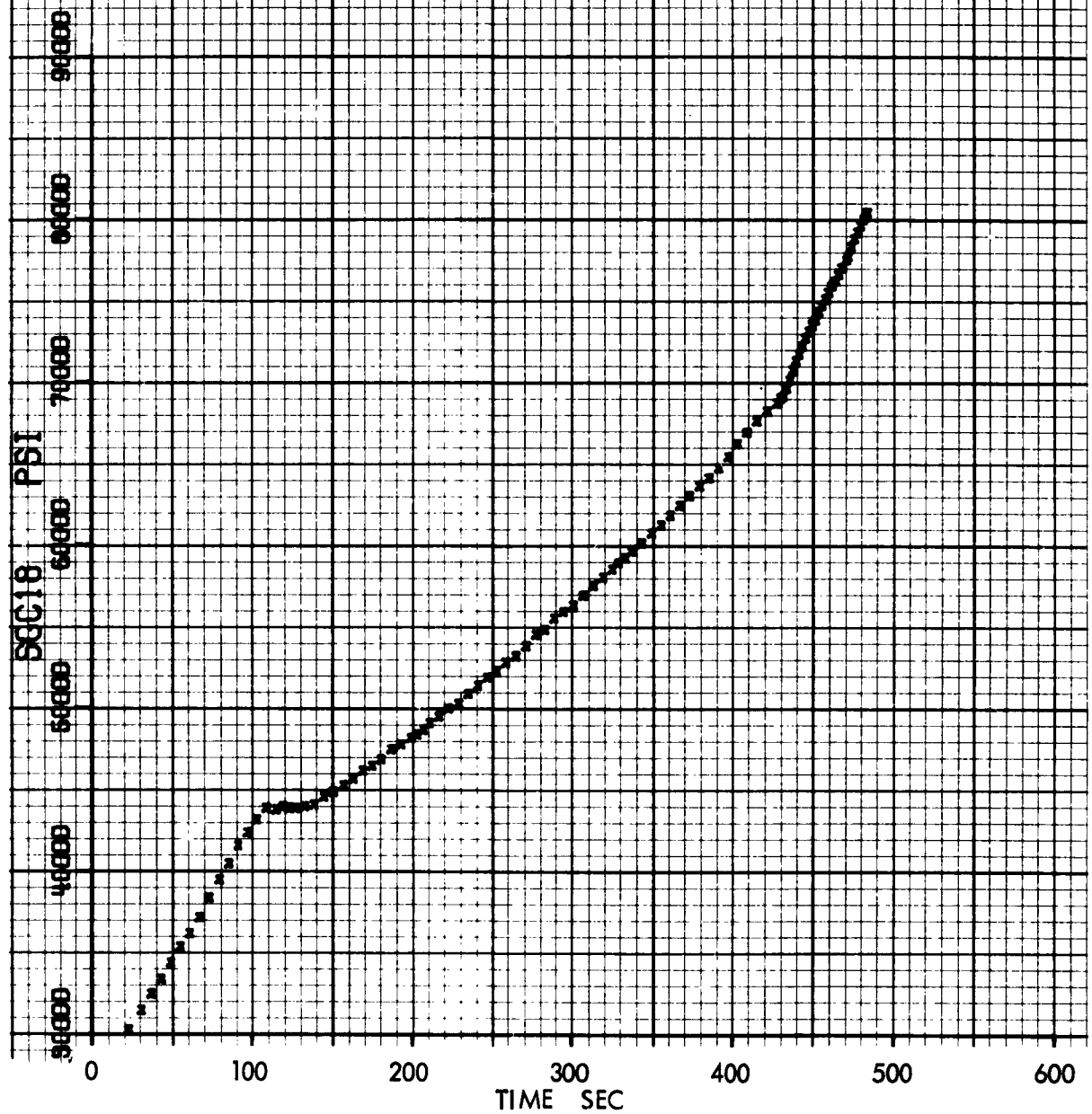
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



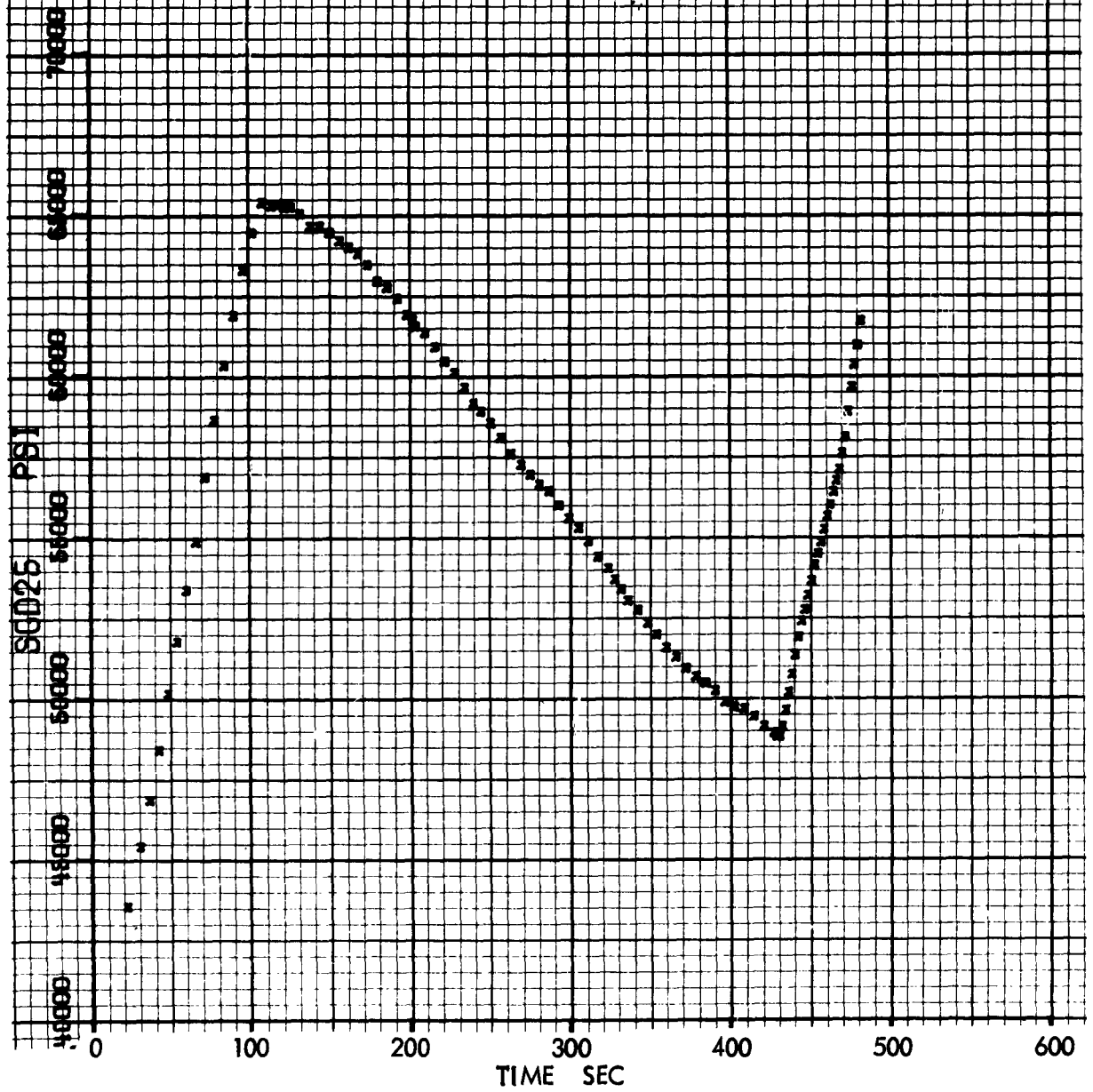
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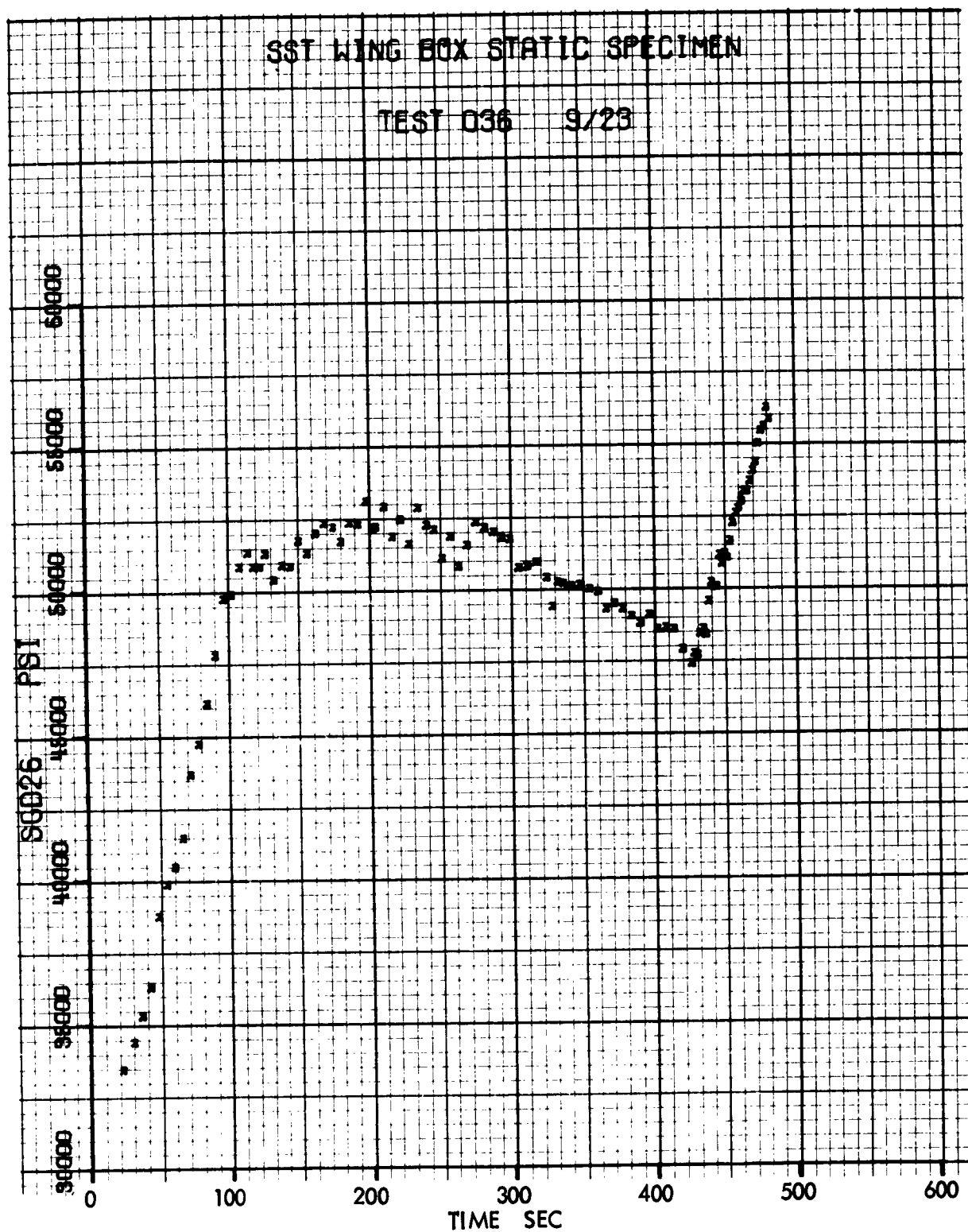
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

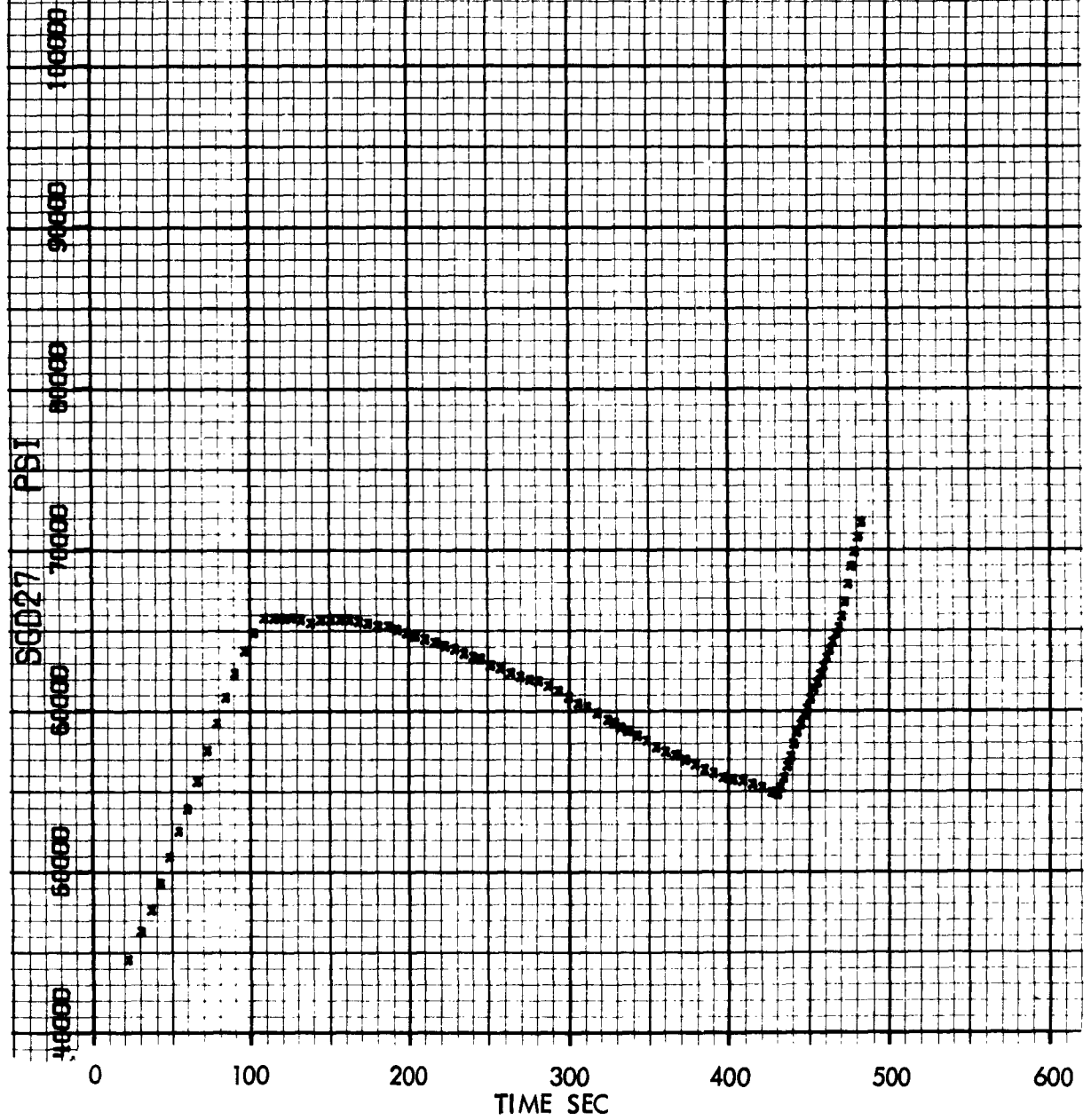
TEST 036 9/23

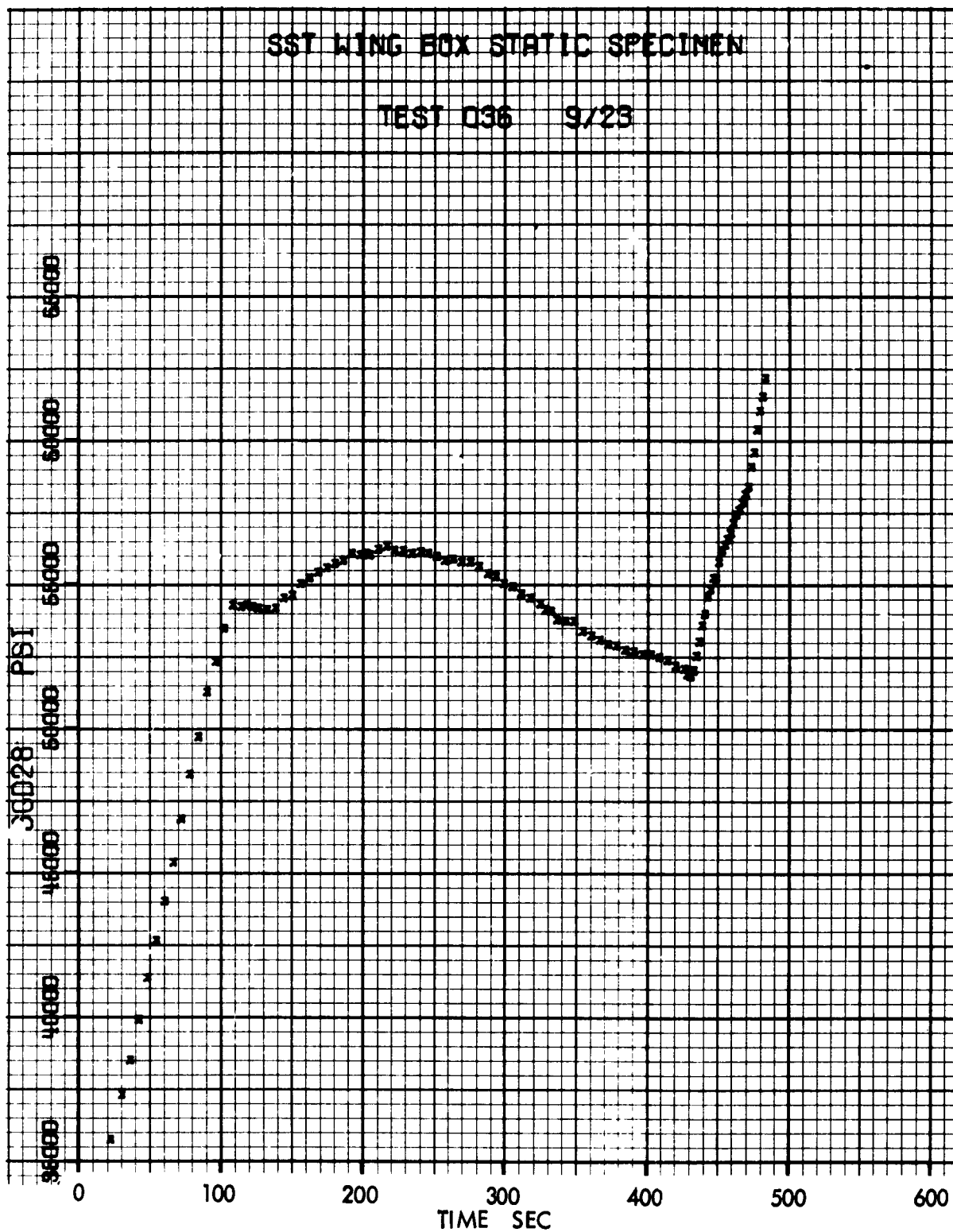




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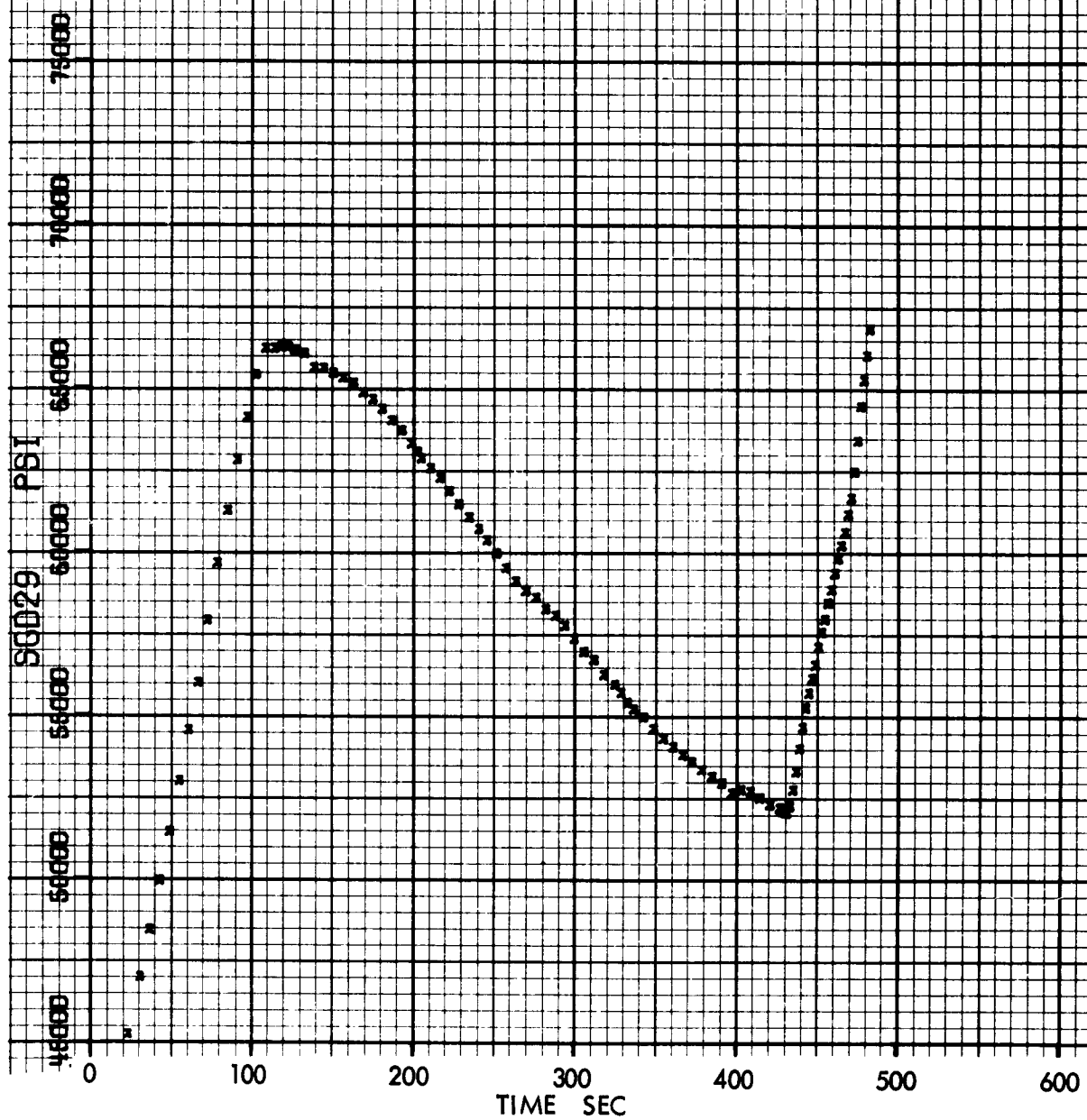
TEST 036 9/23





# SST WING BOX STATIC SPECIMEN

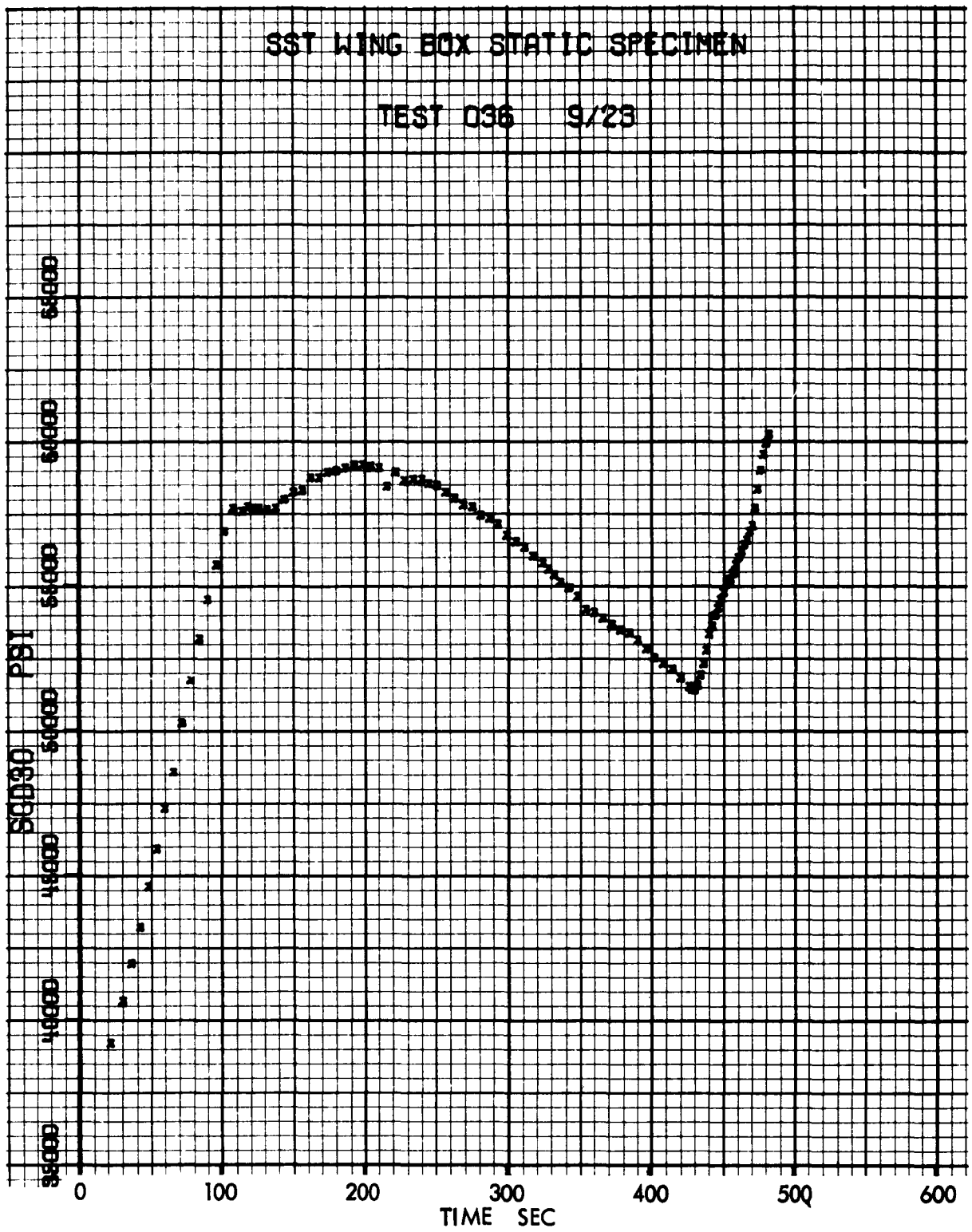
TEST 036 9/23





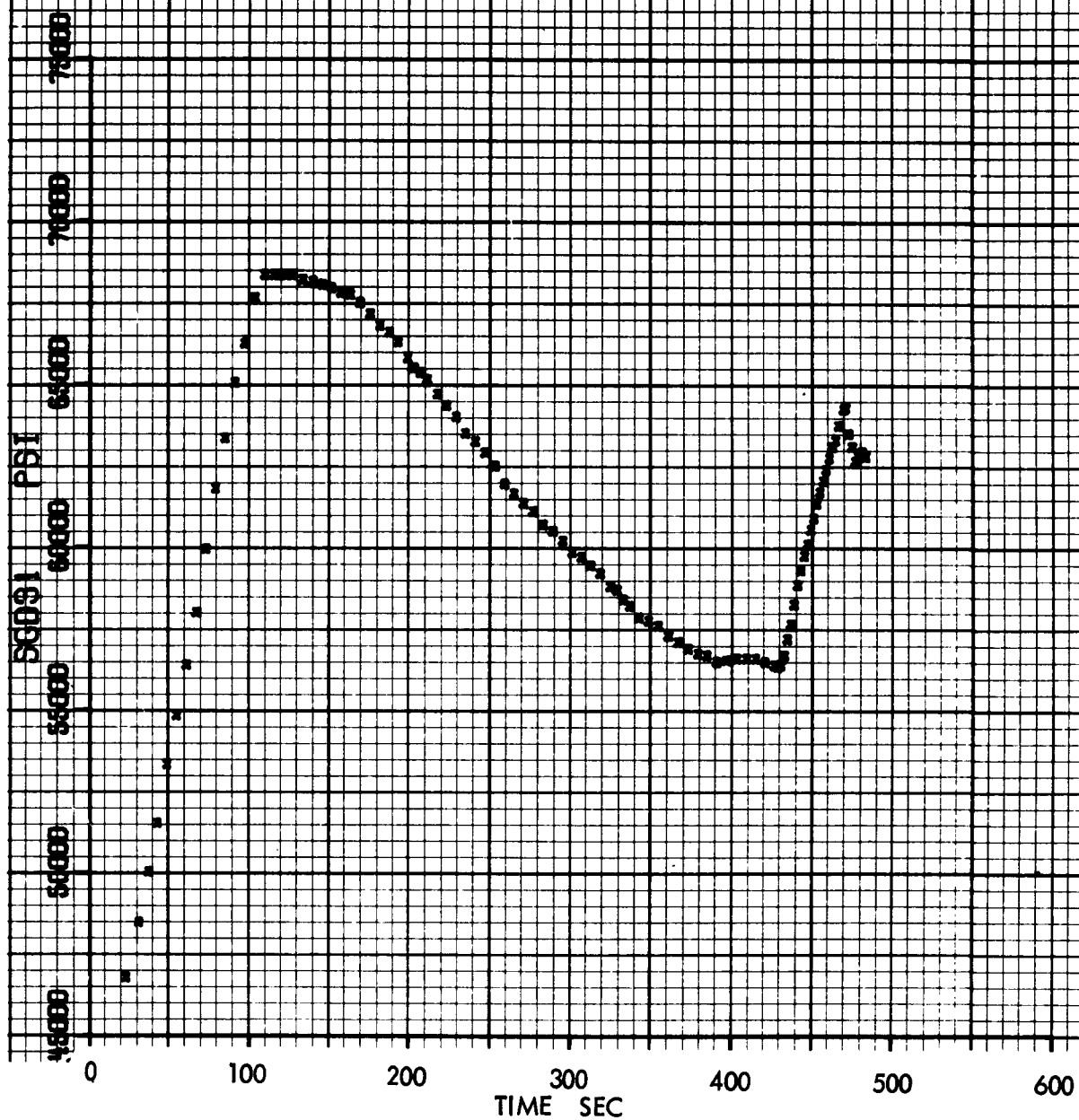
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



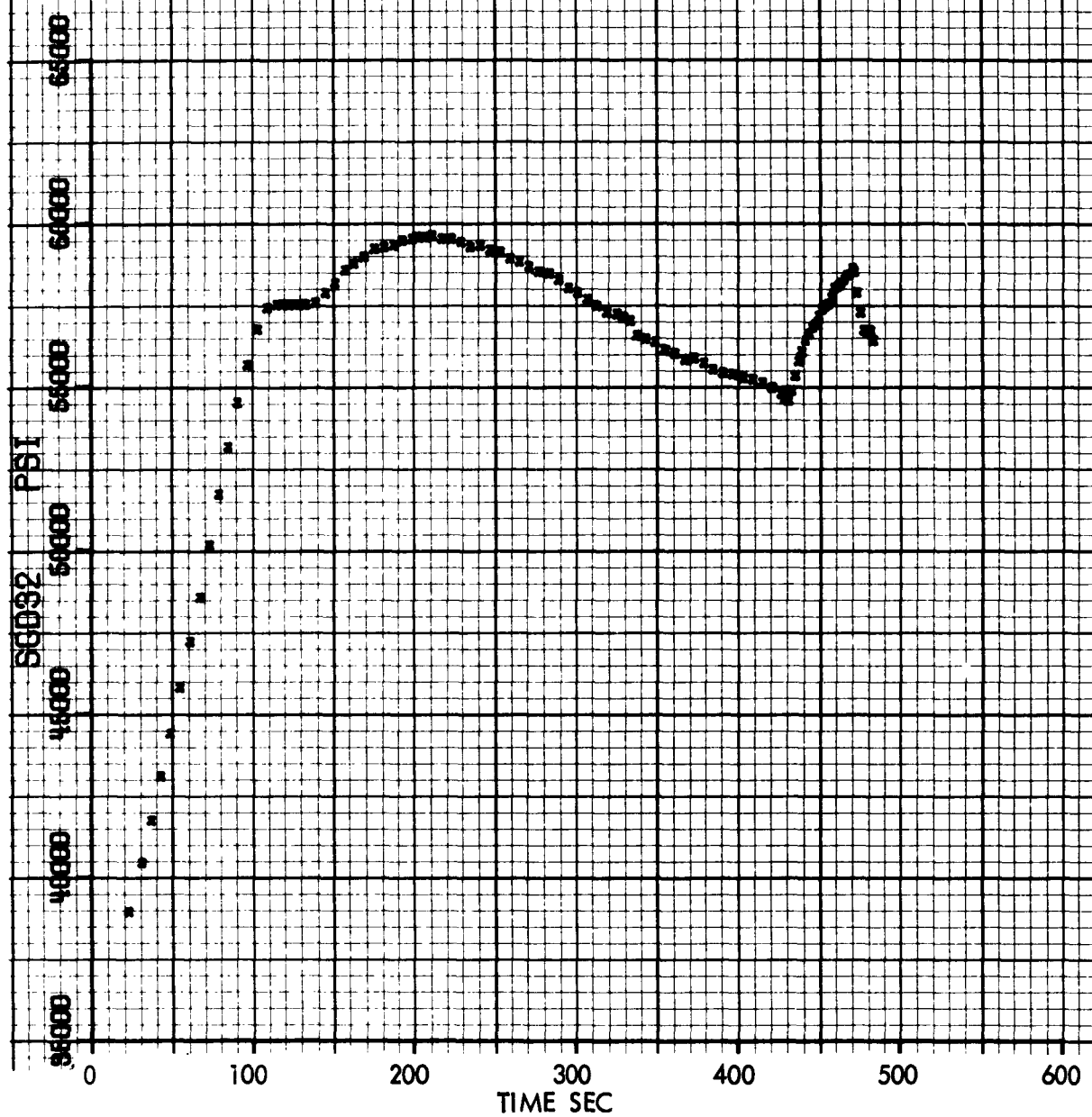
SST WING BOX STATIC SPECIMEN

TEST 036 9/29



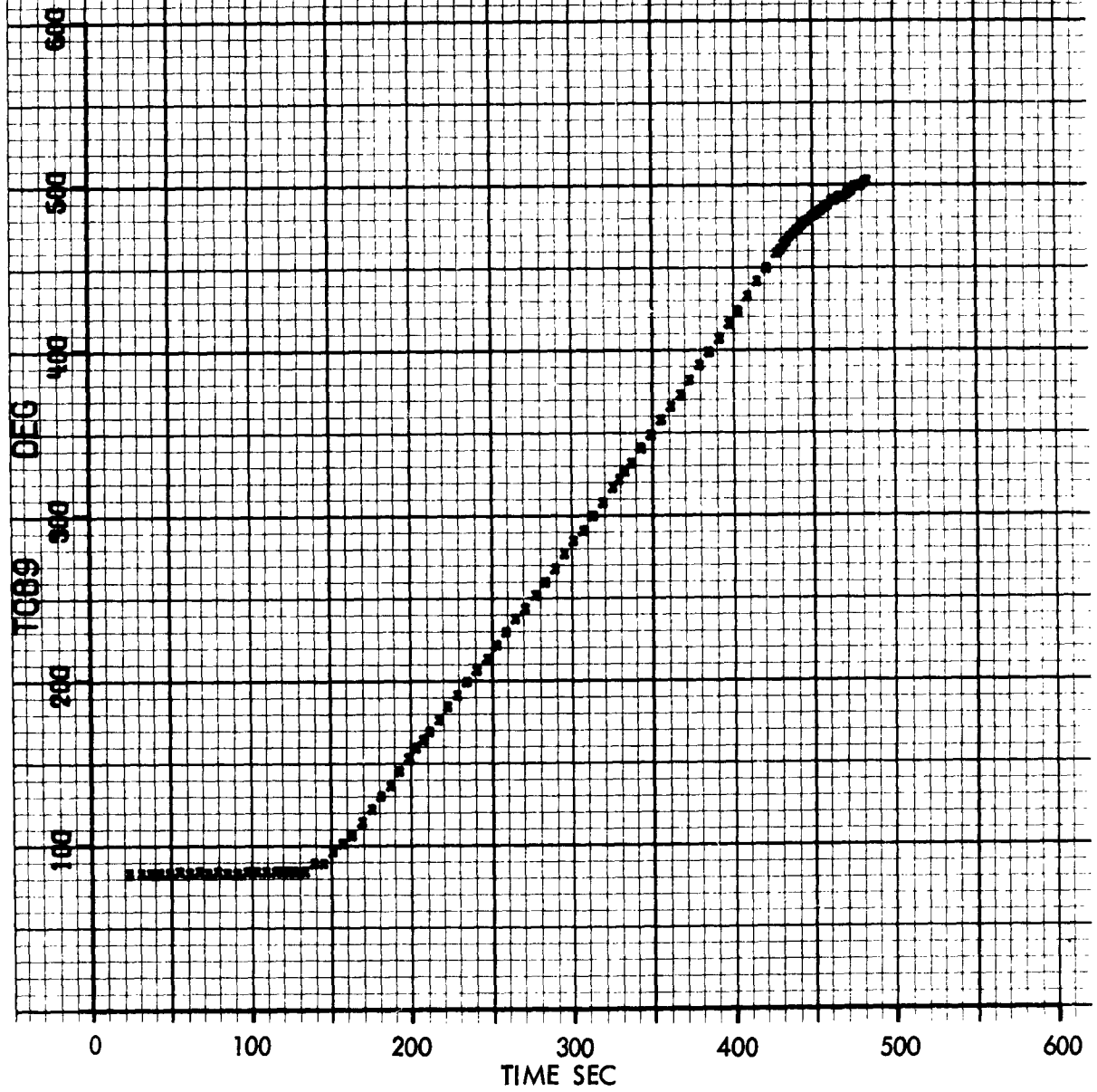
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



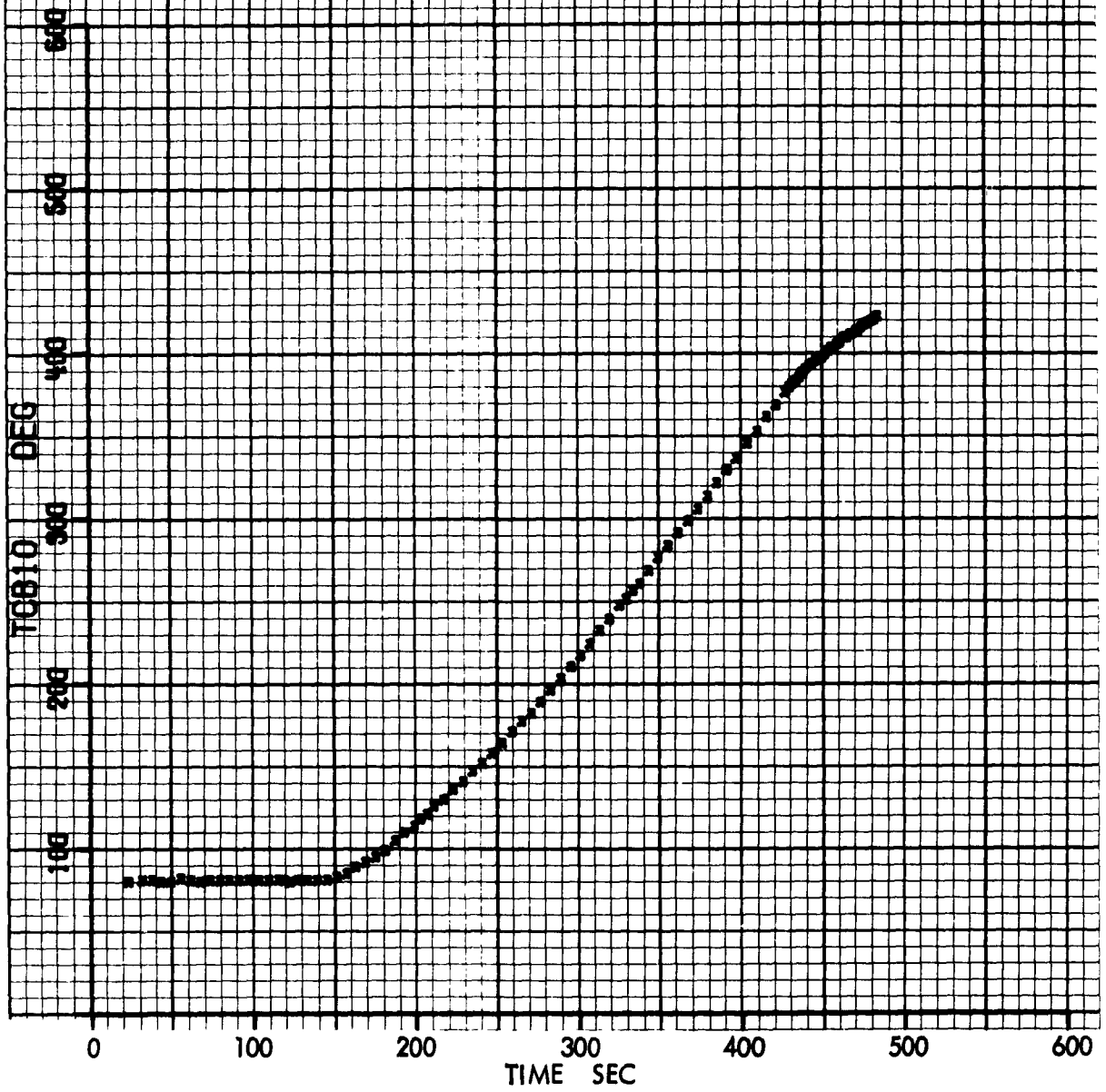
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



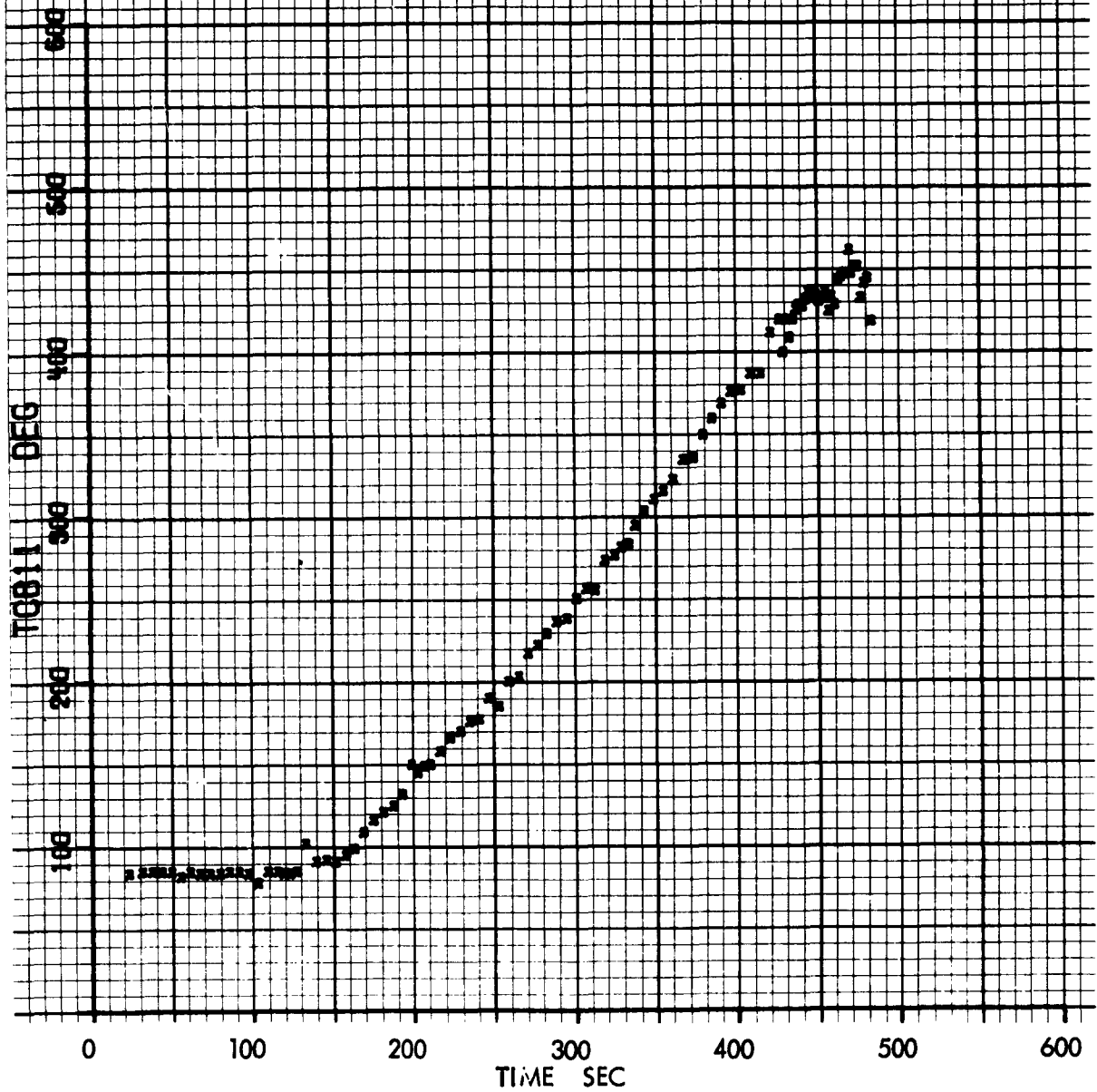
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



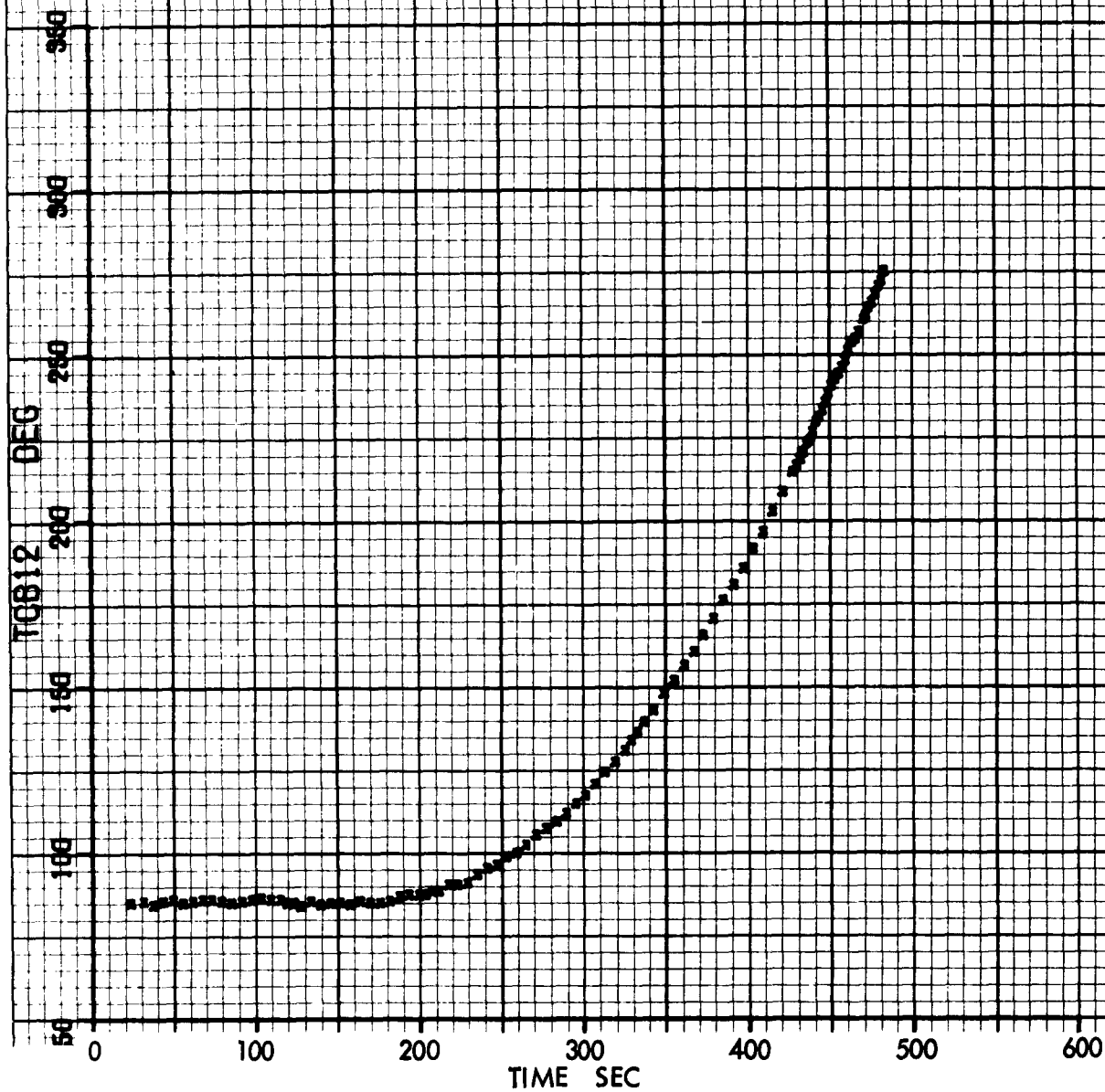
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TEST 036 9/23



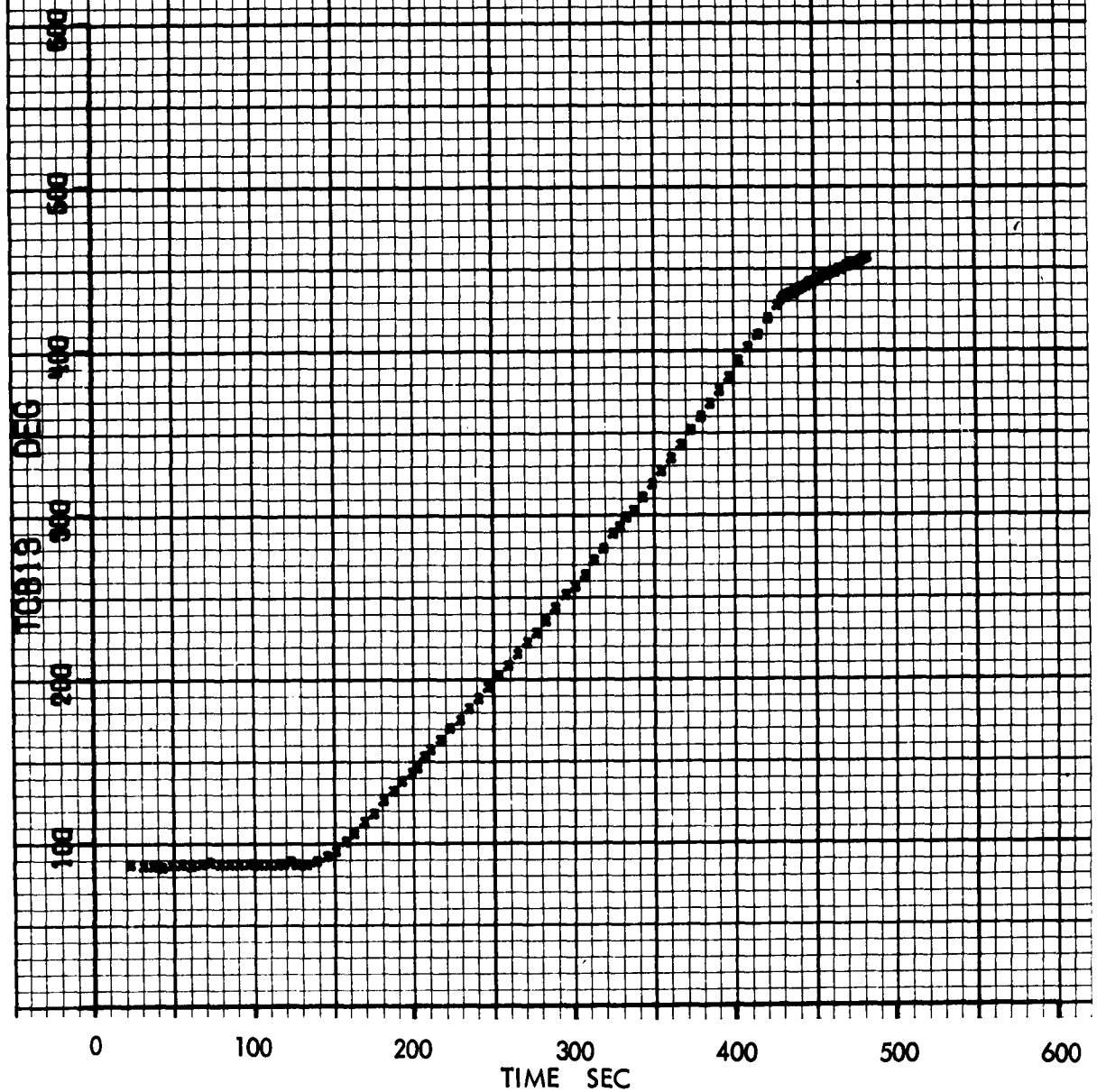
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

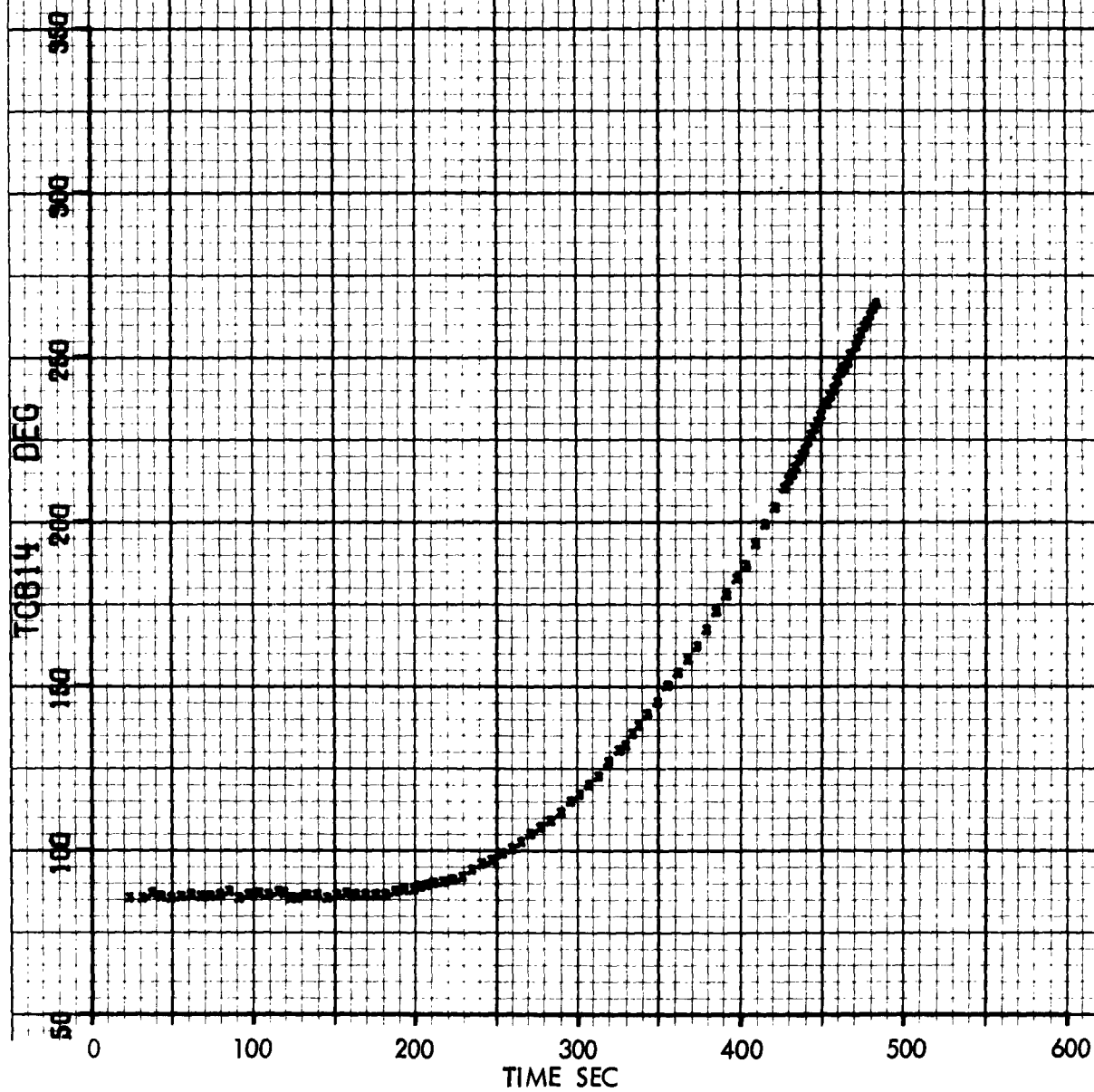
TEST 036 9/29





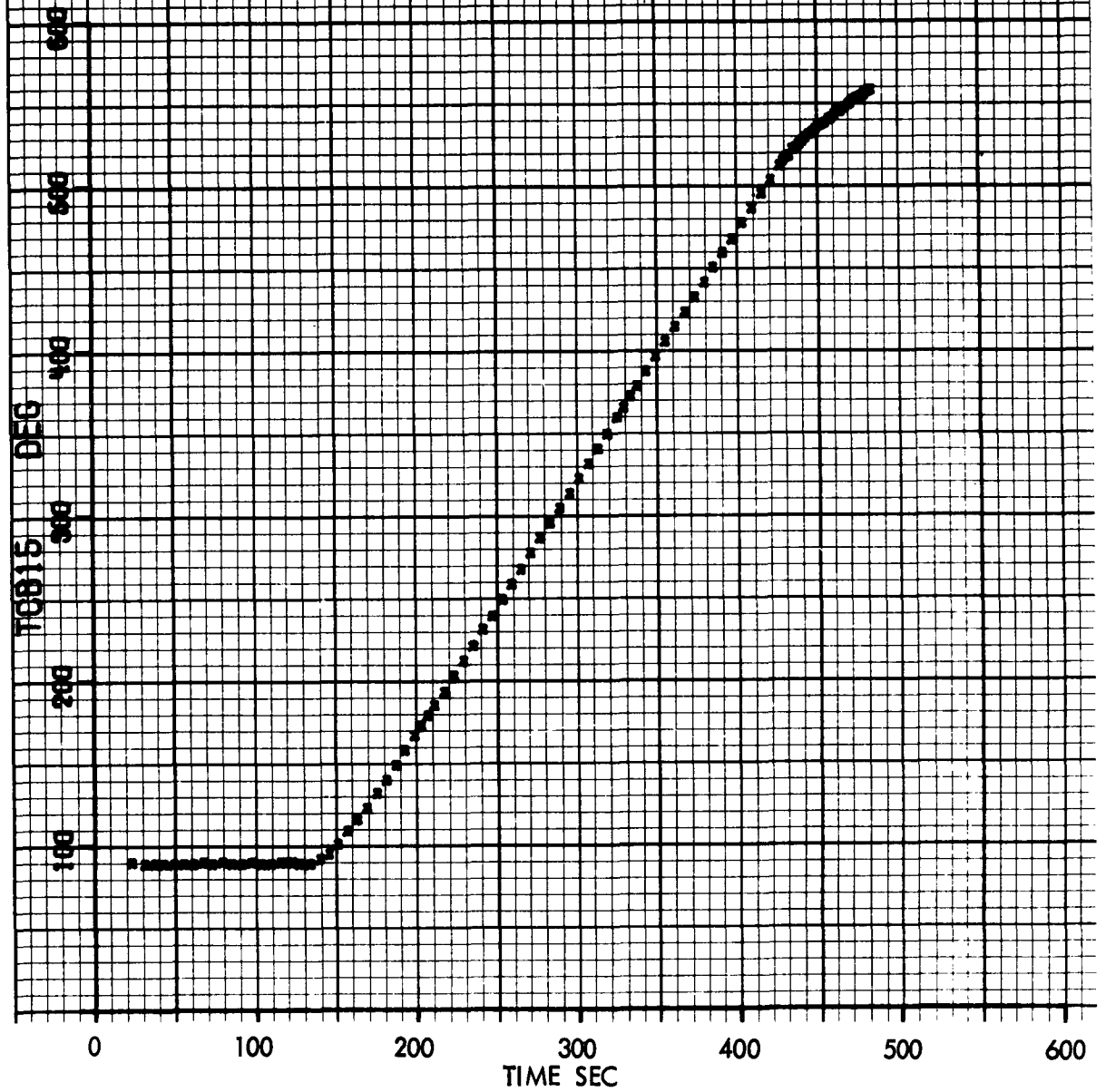
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TEST 036 9/23



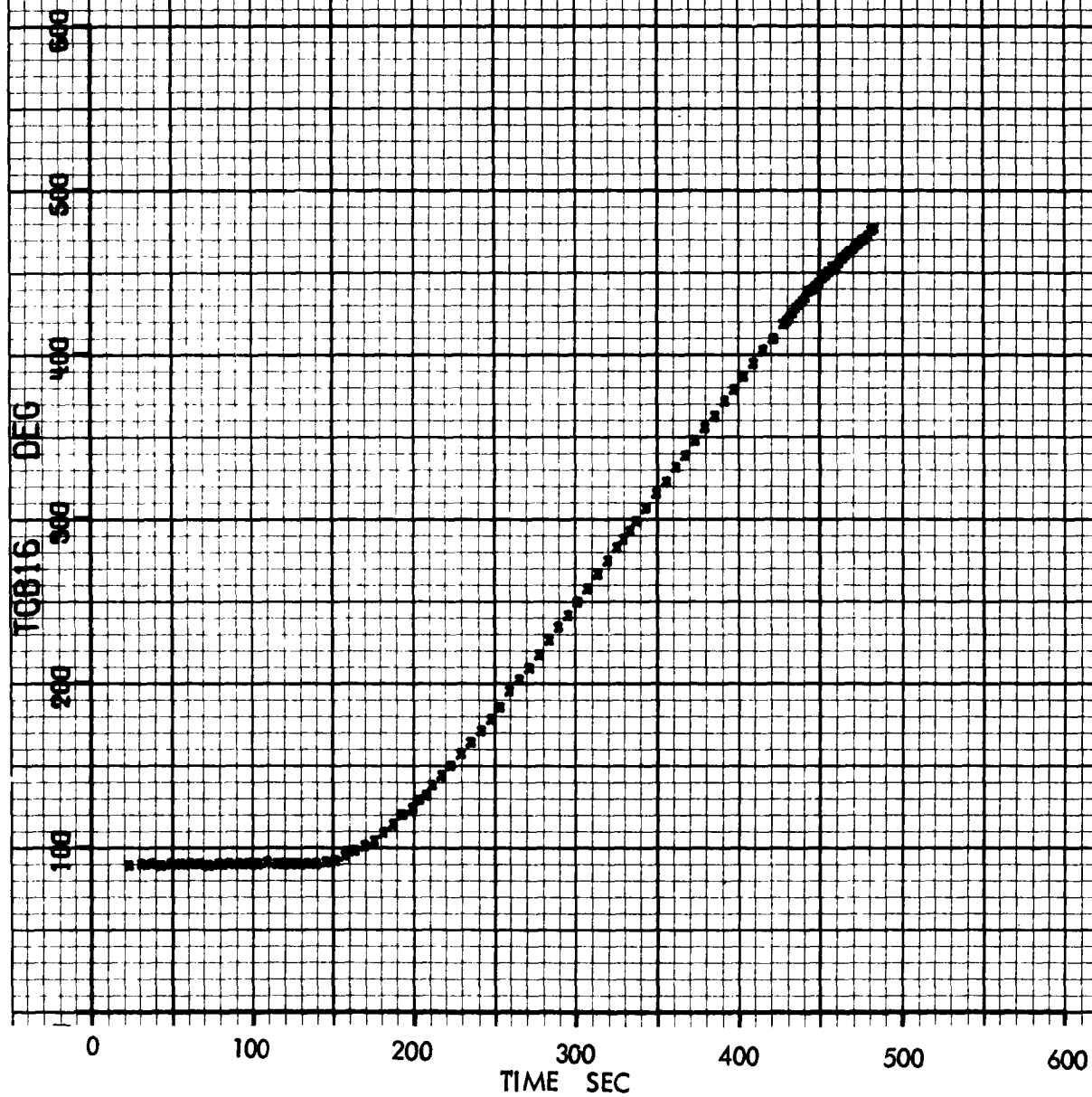
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



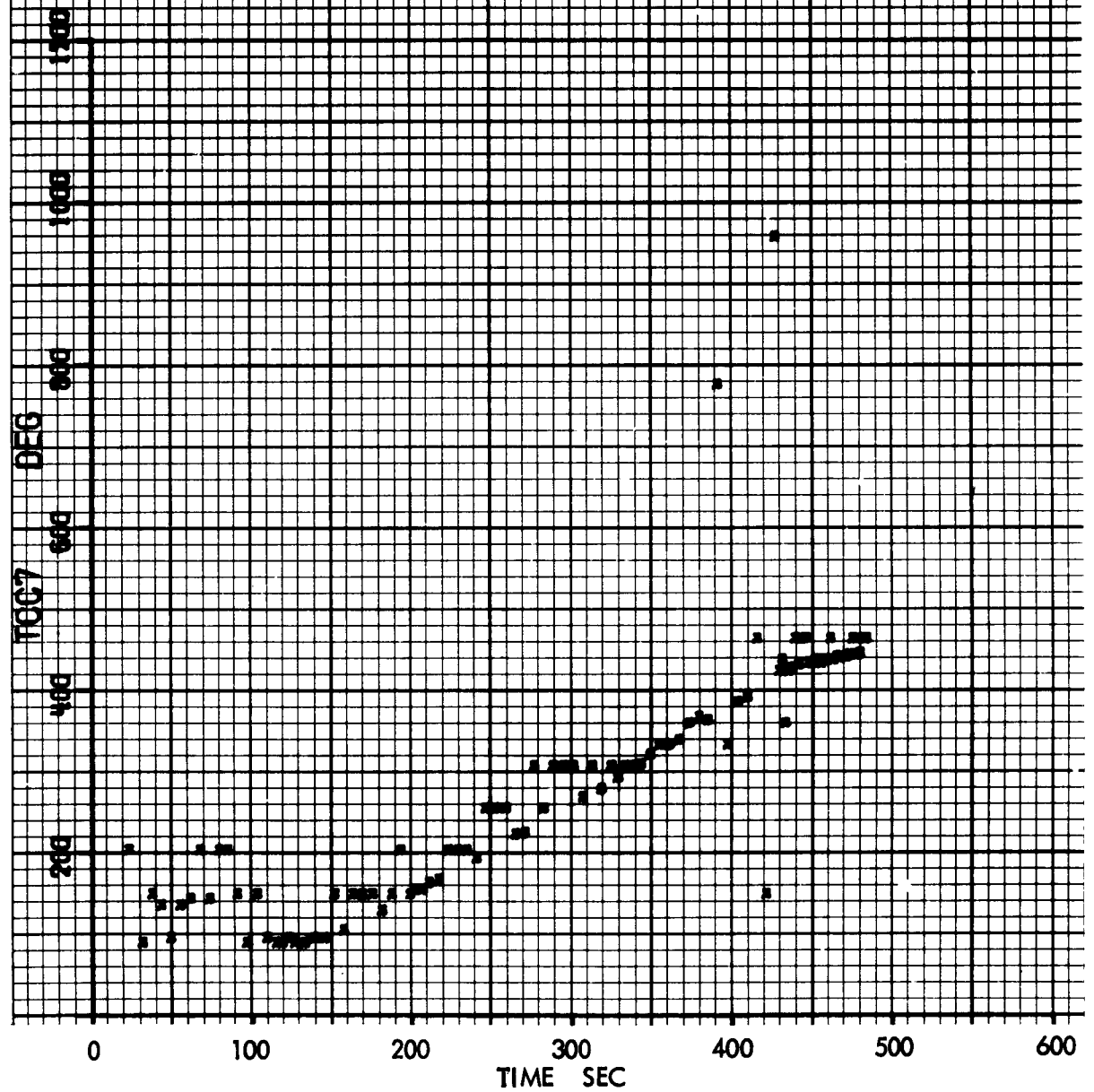
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TEST 036 9/29



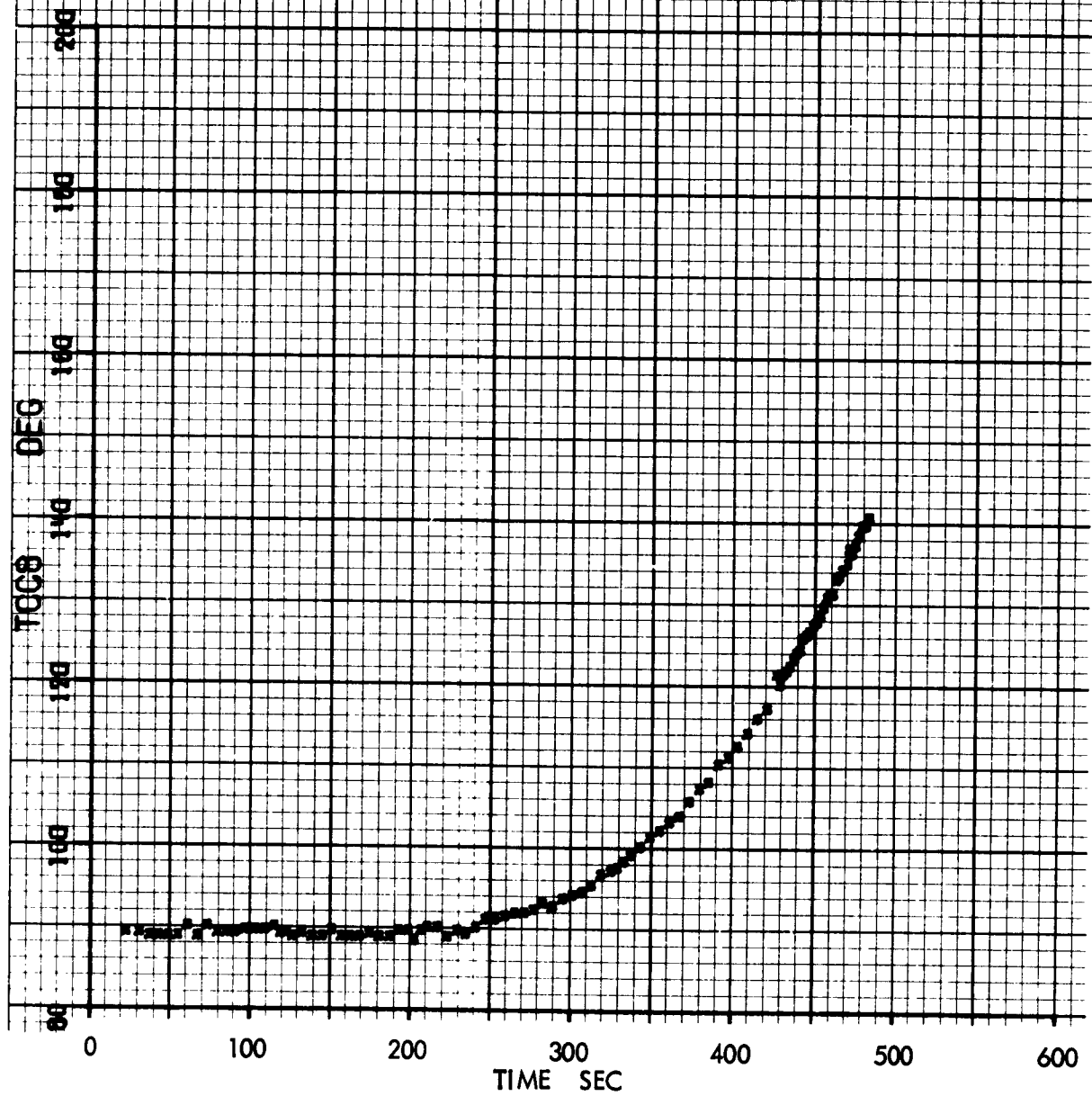
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



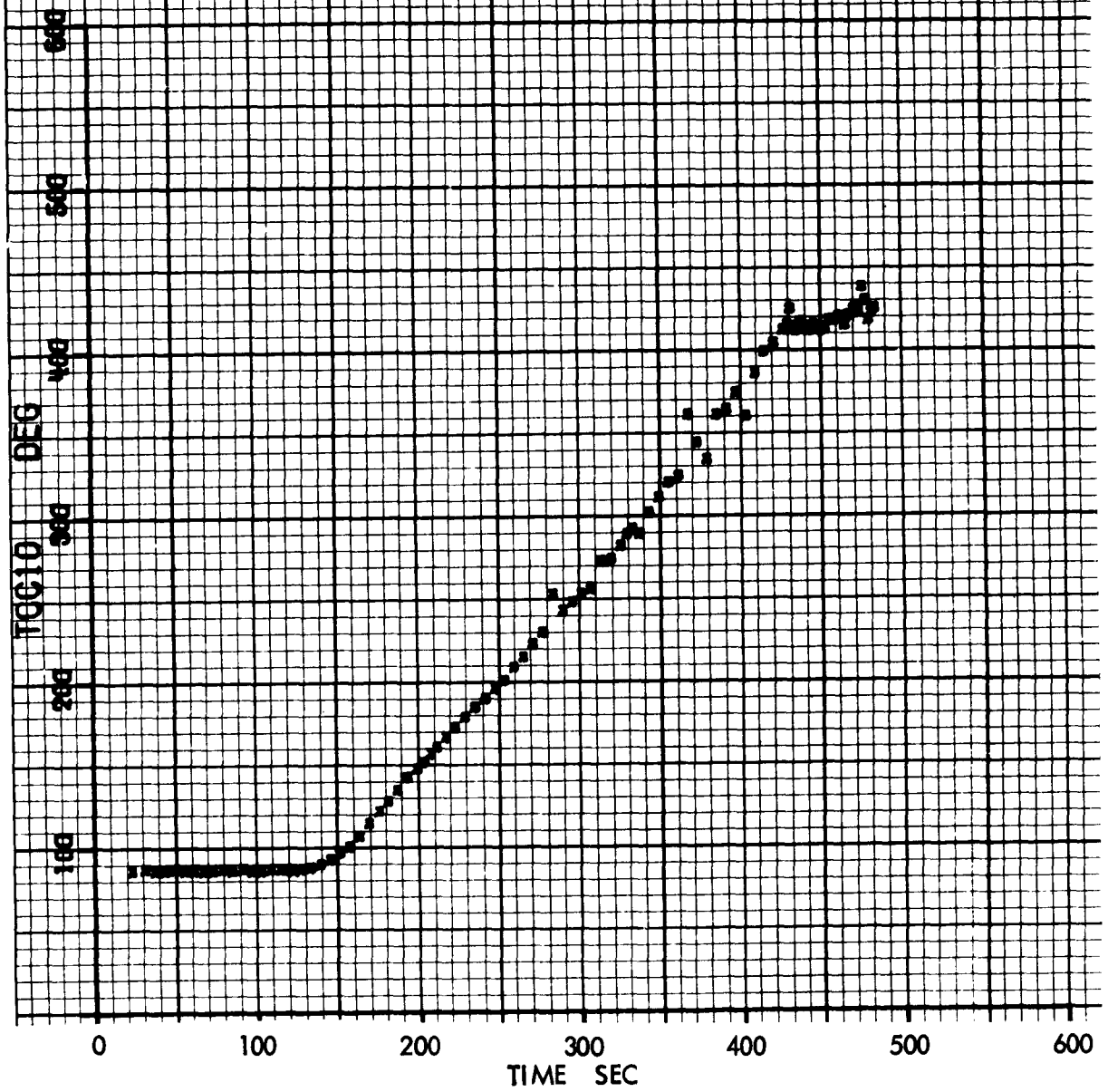
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



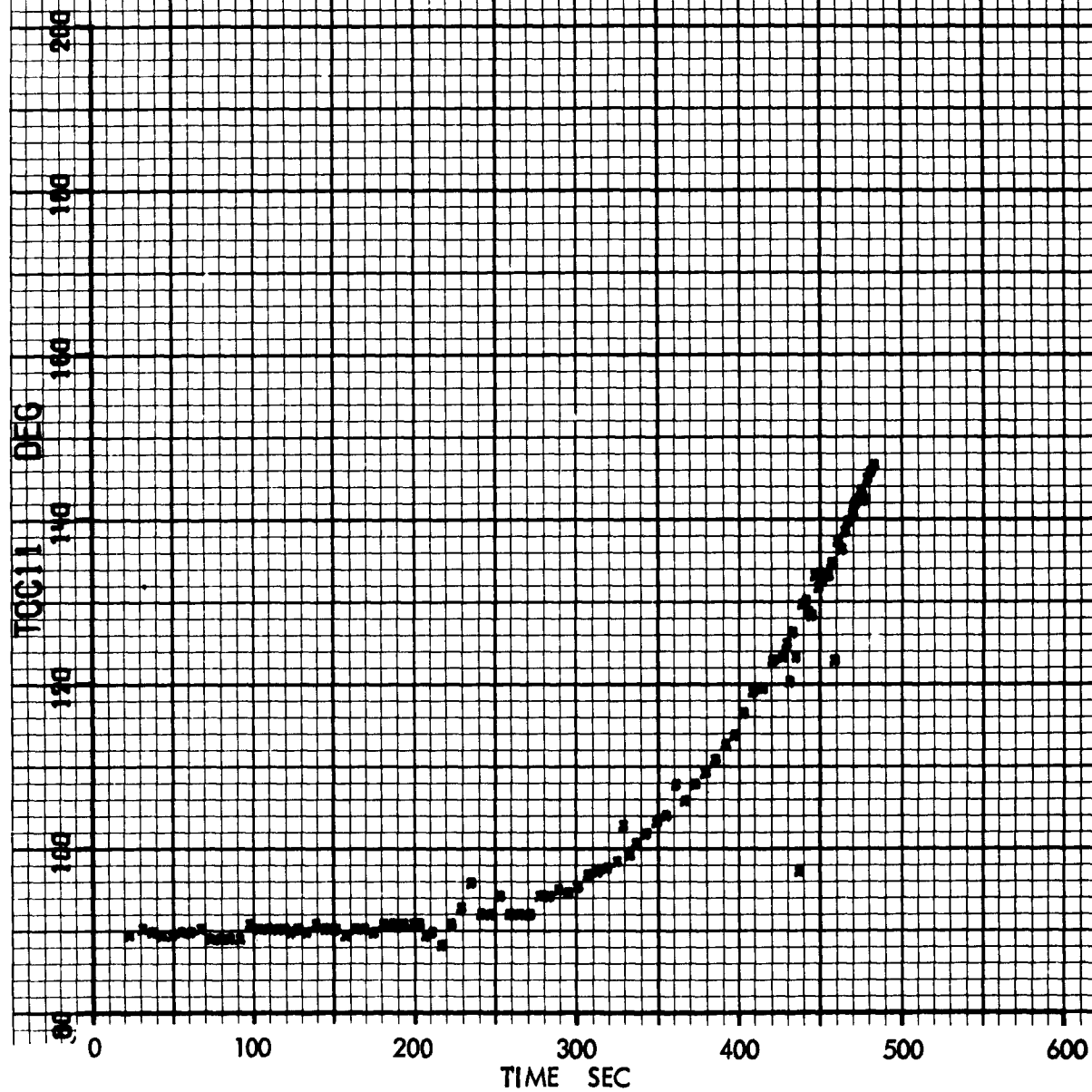
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



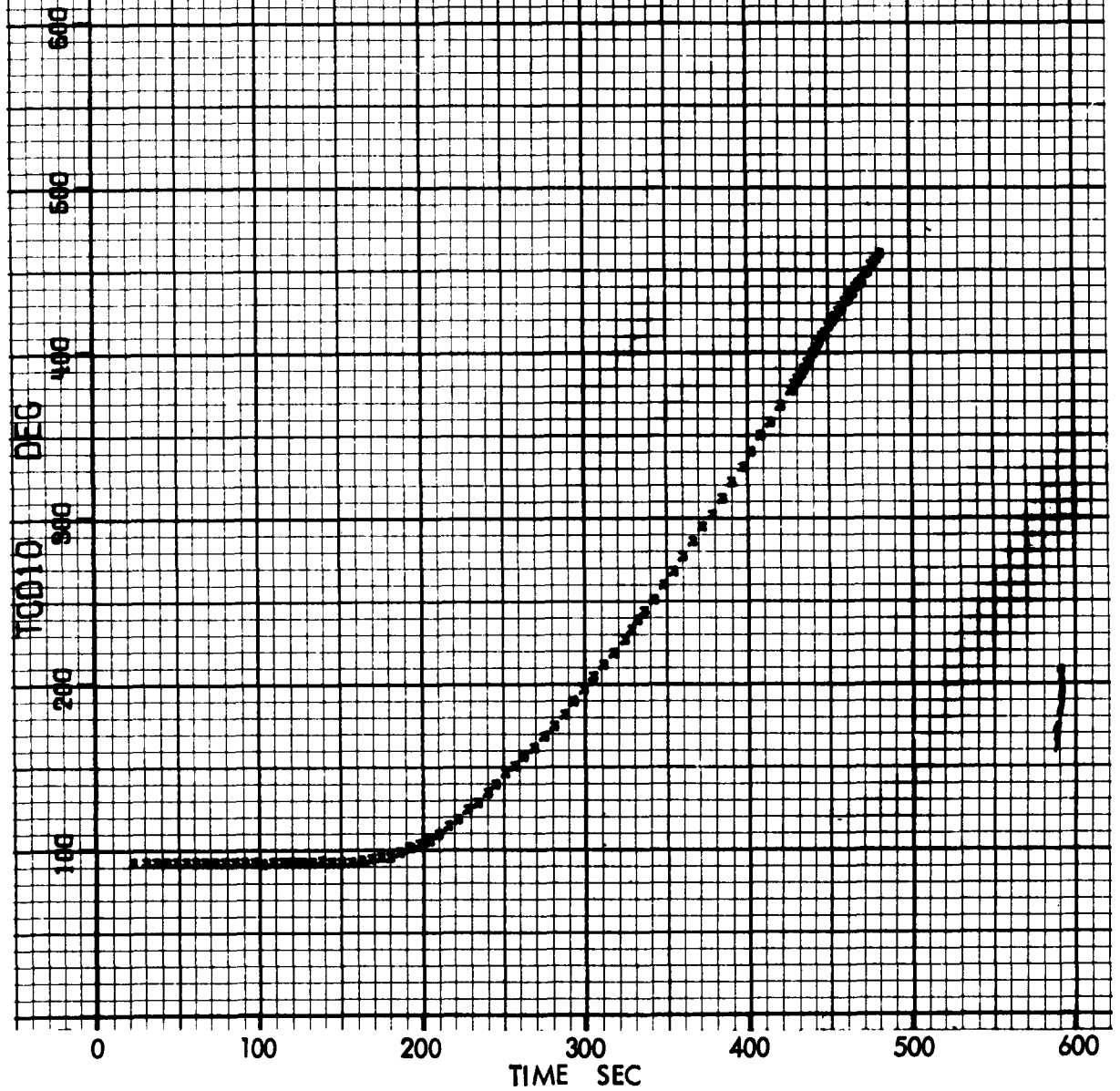
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

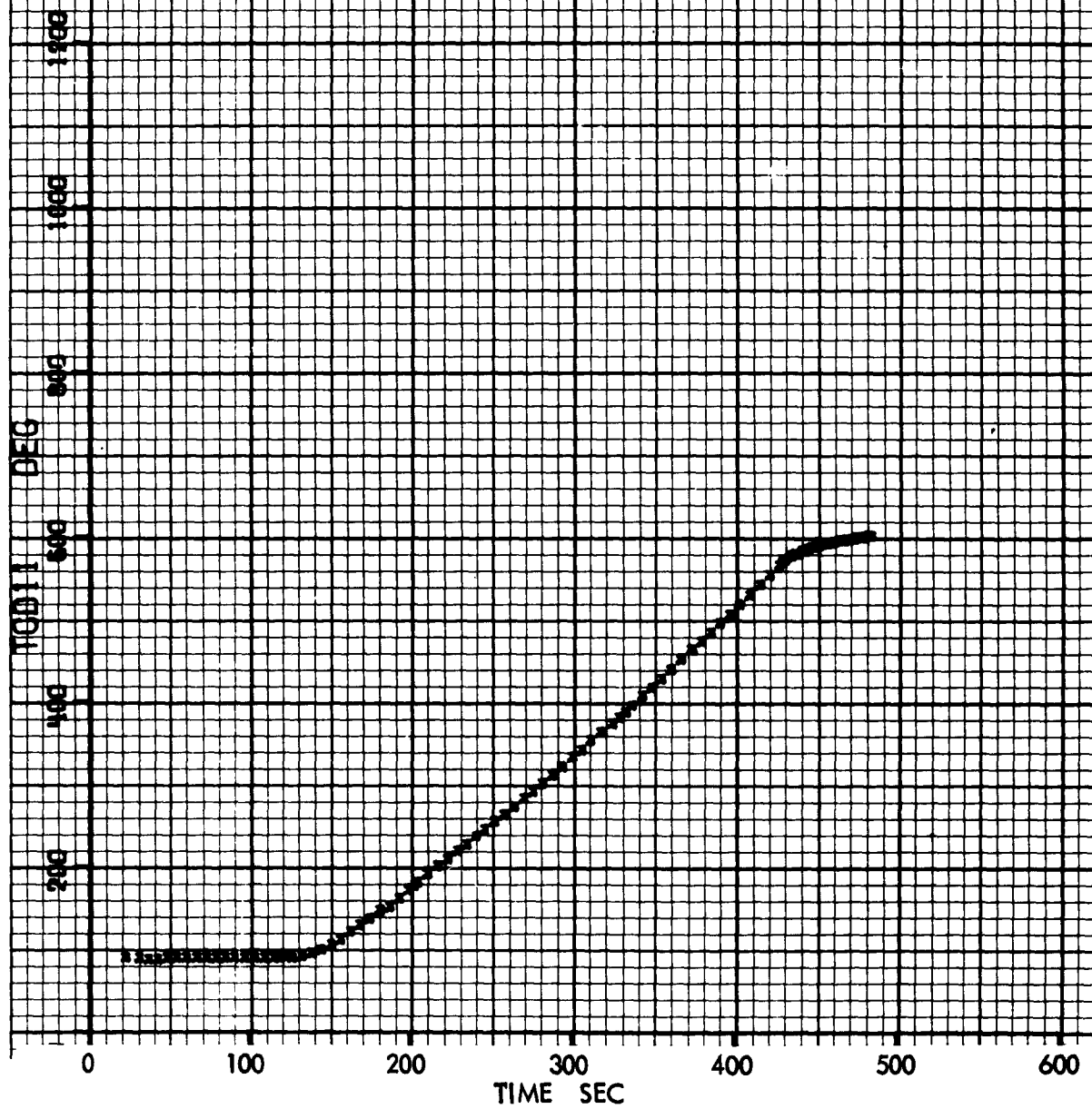
TEST 036 9/29





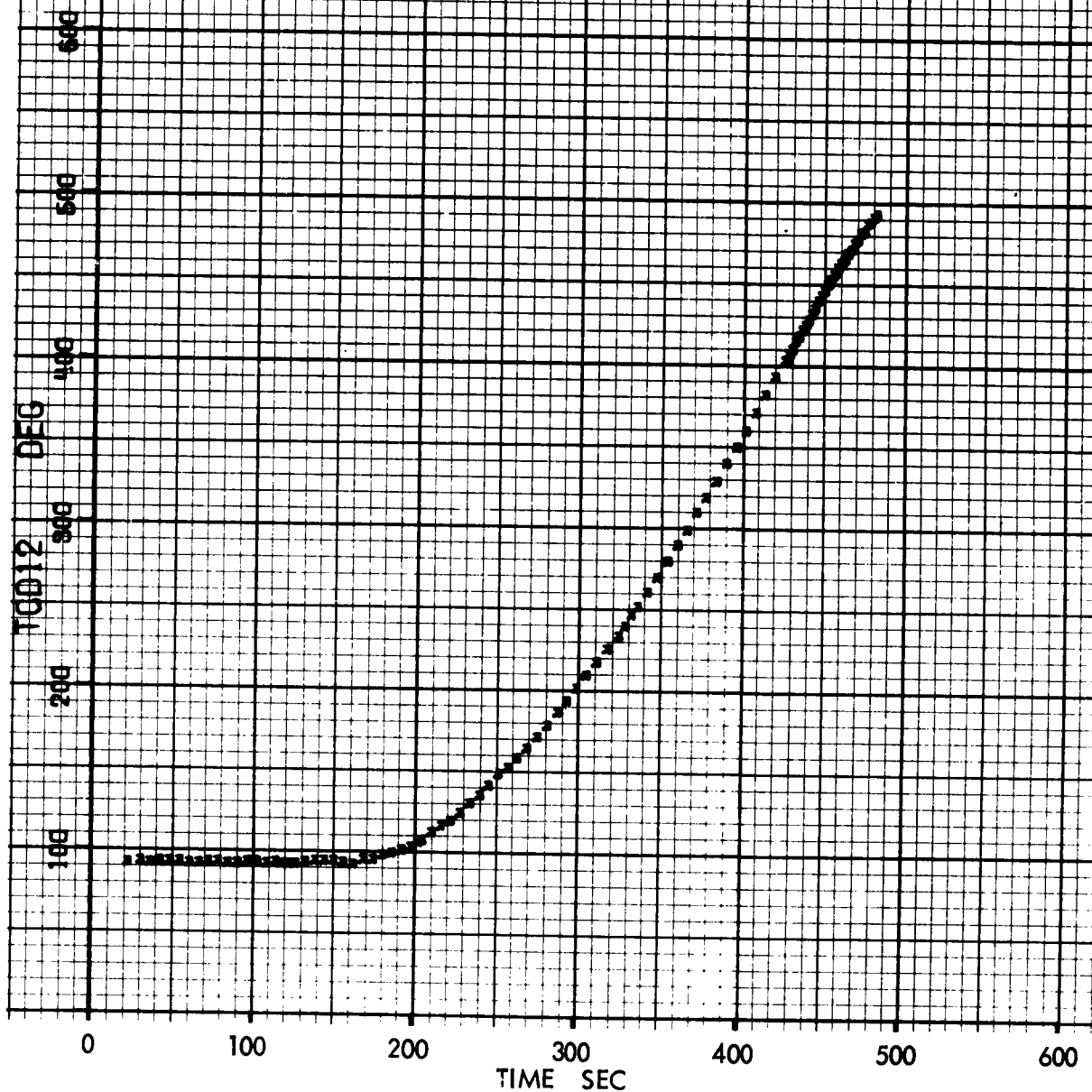
# SST WING BOX STATIC SPECIMEN

TEST 036 9/28



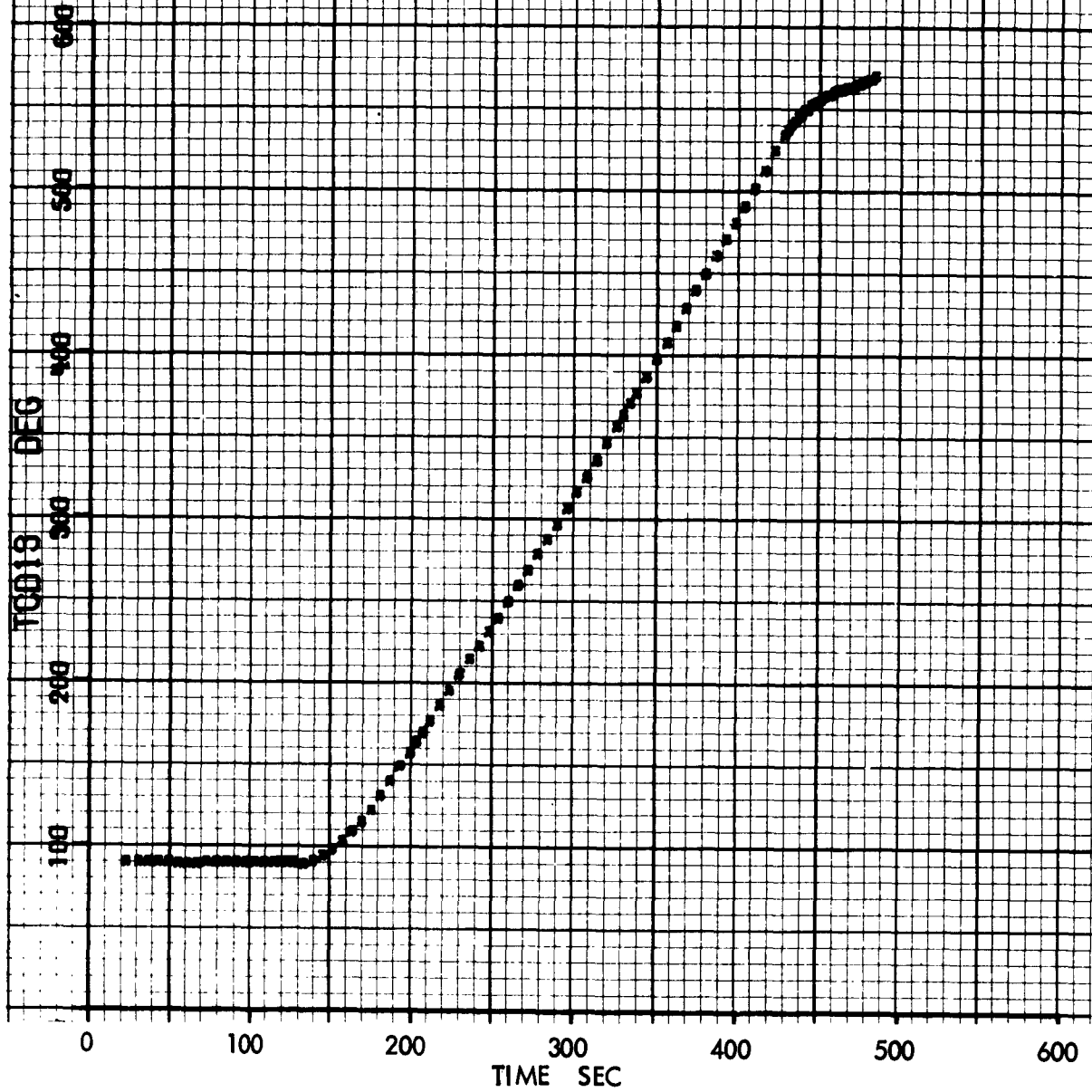
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



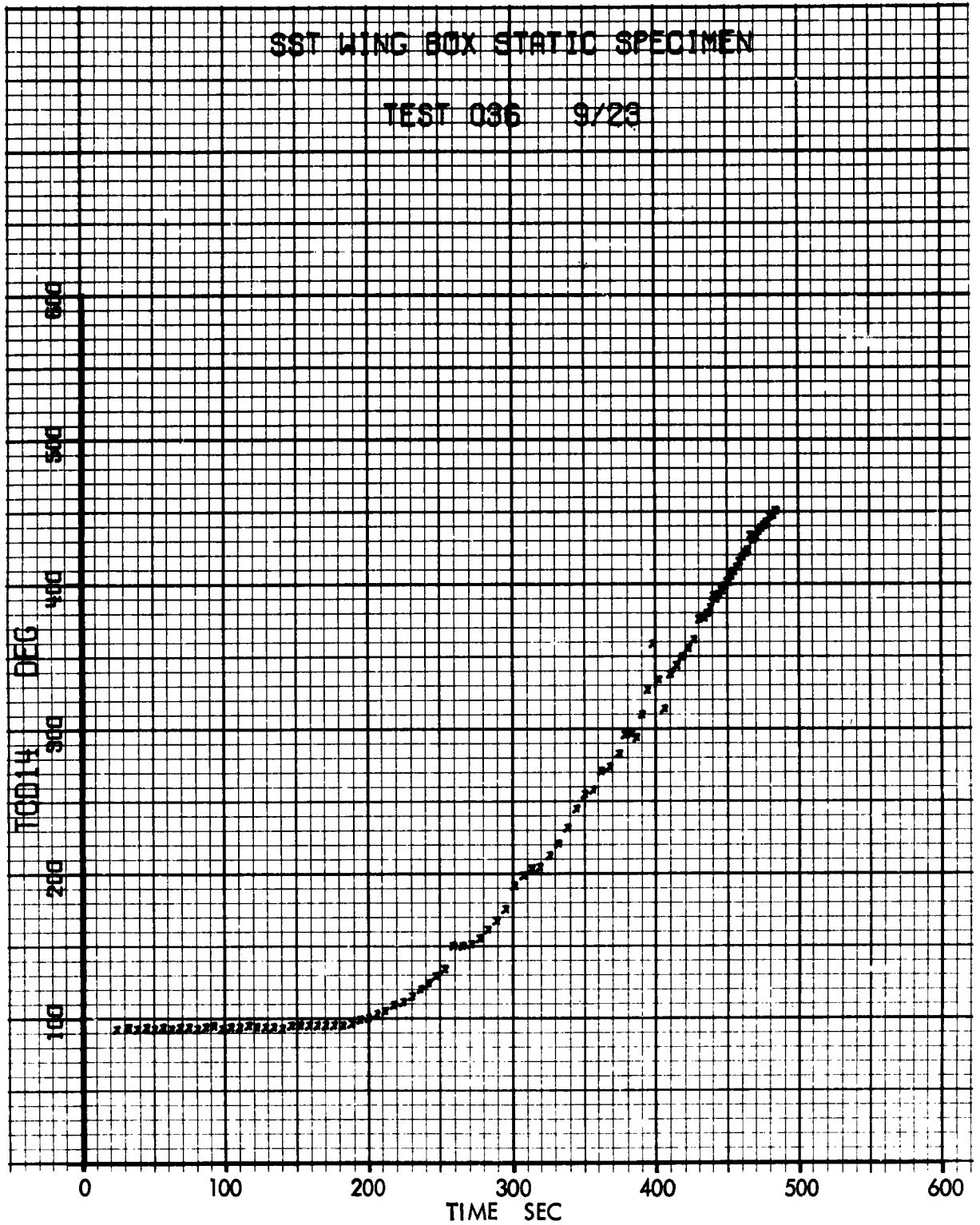
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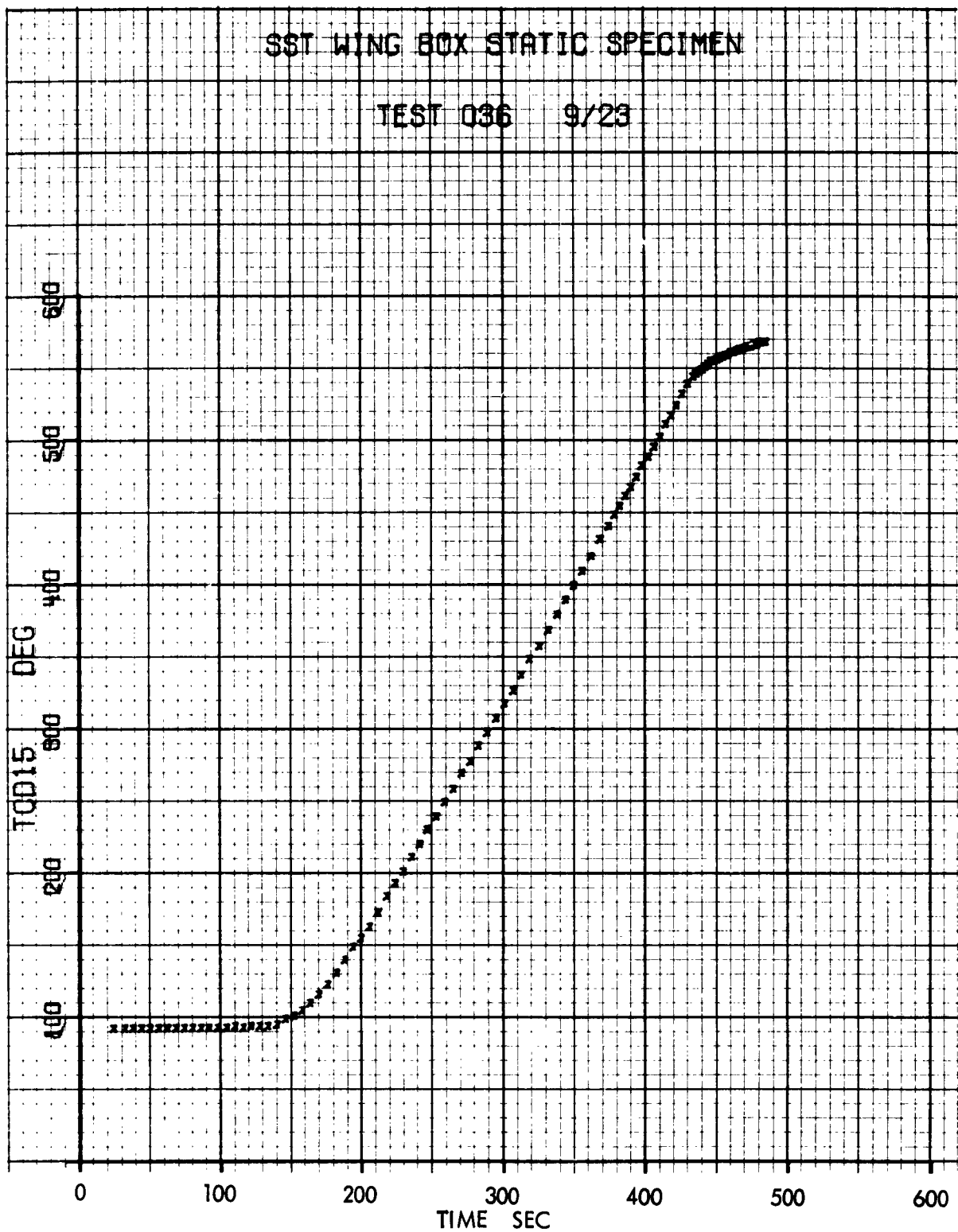
TEST 036 9/23



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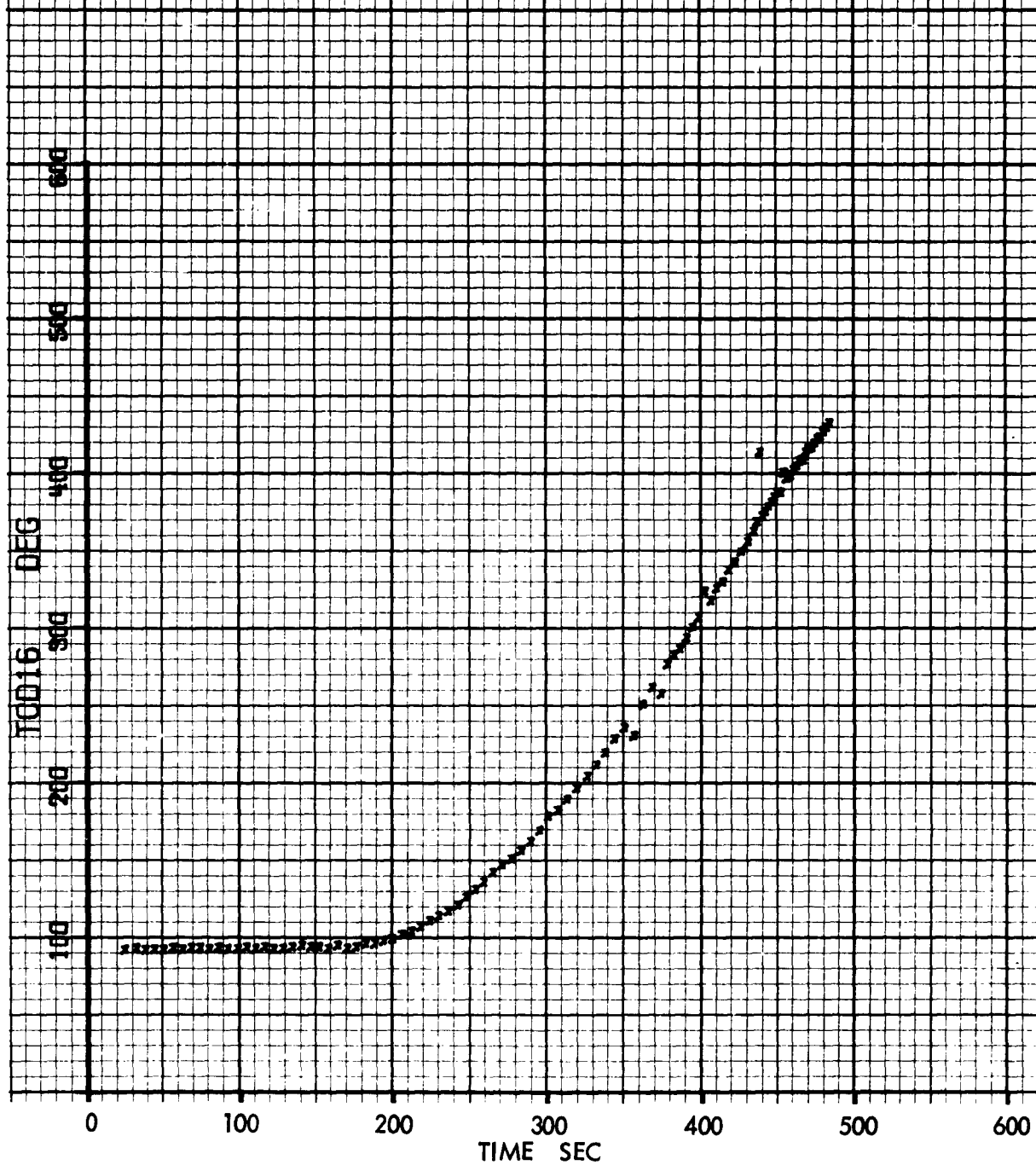
TEST 036 9/23





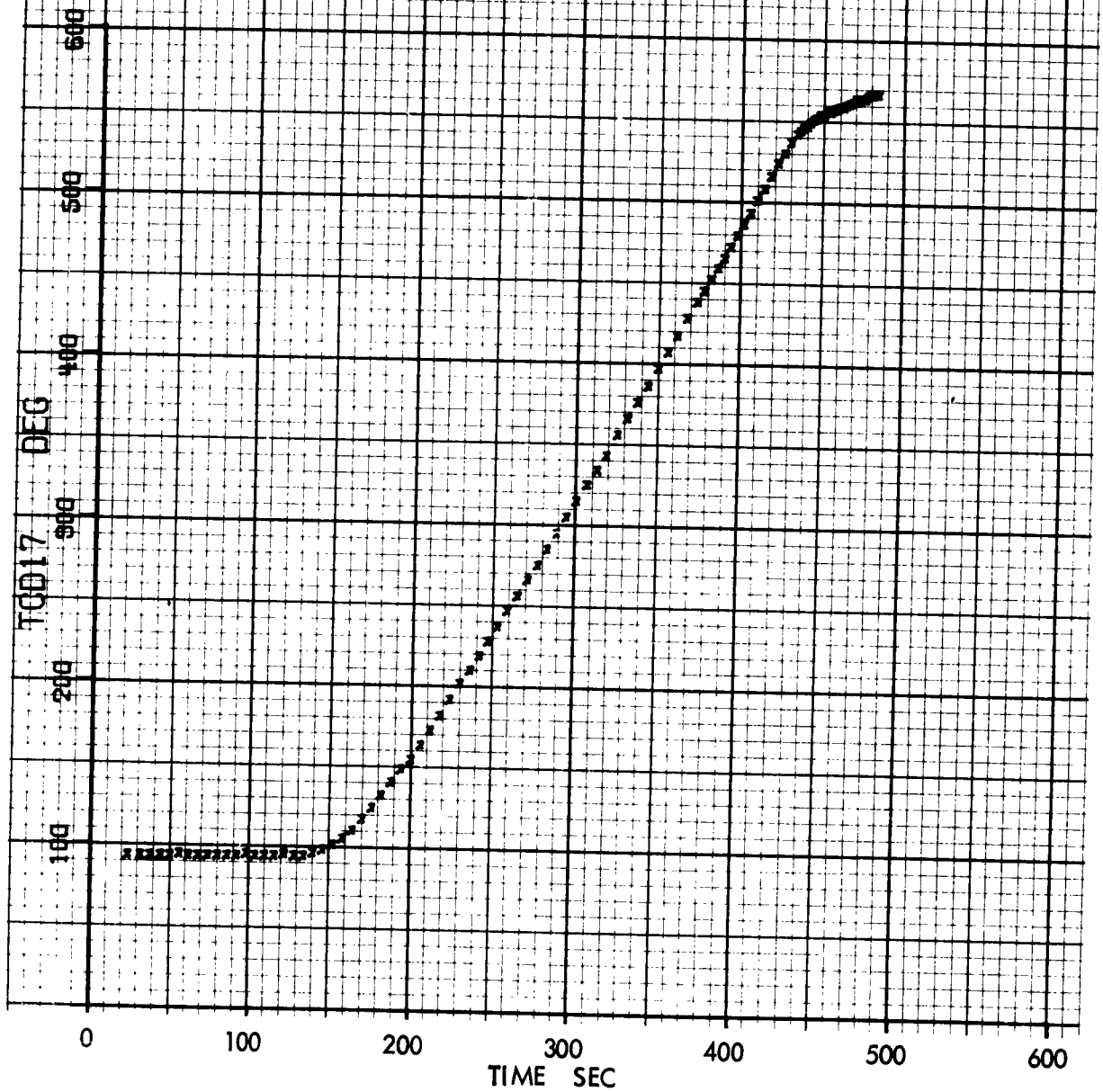
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TEST 036 9/23



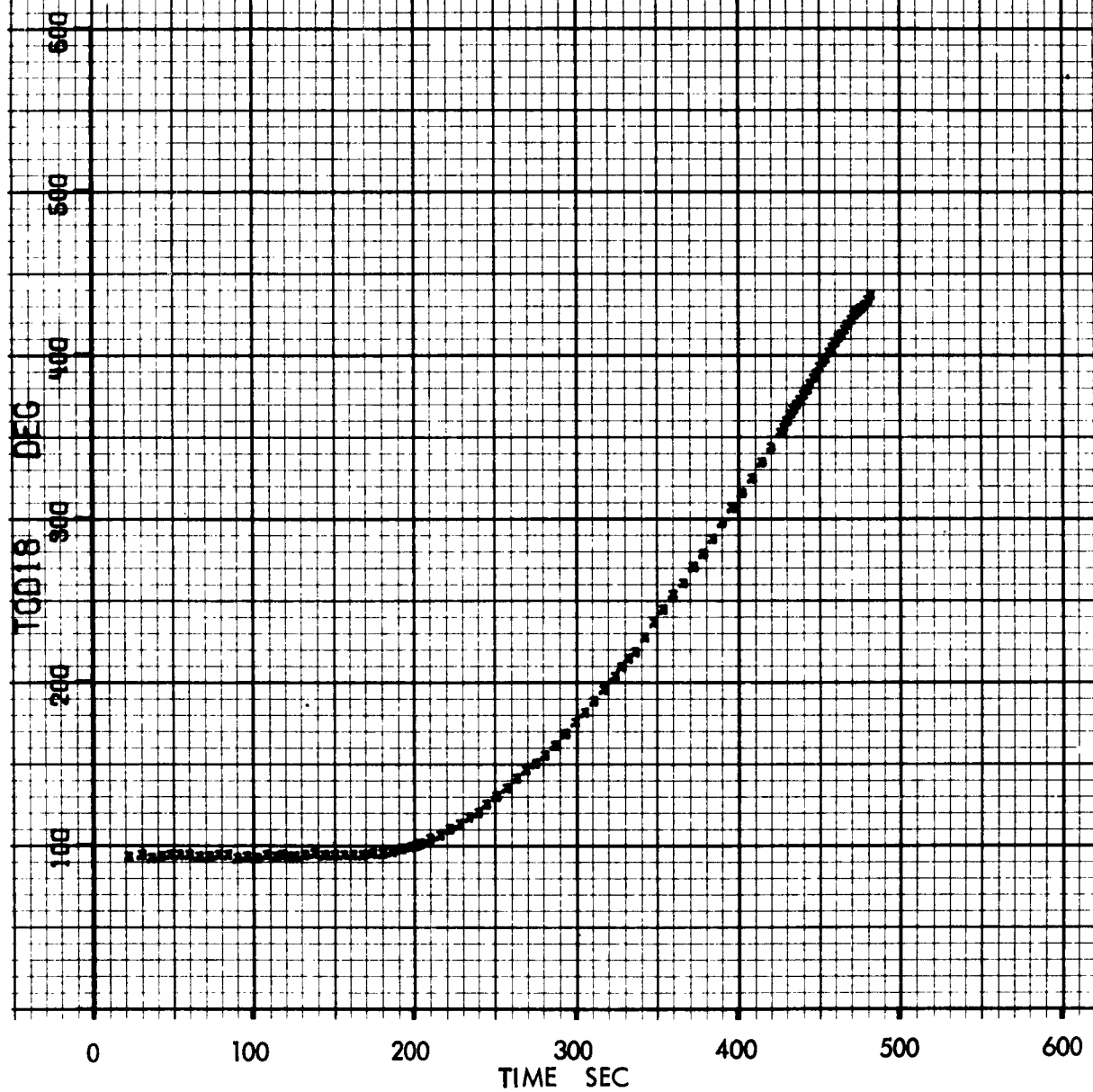
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

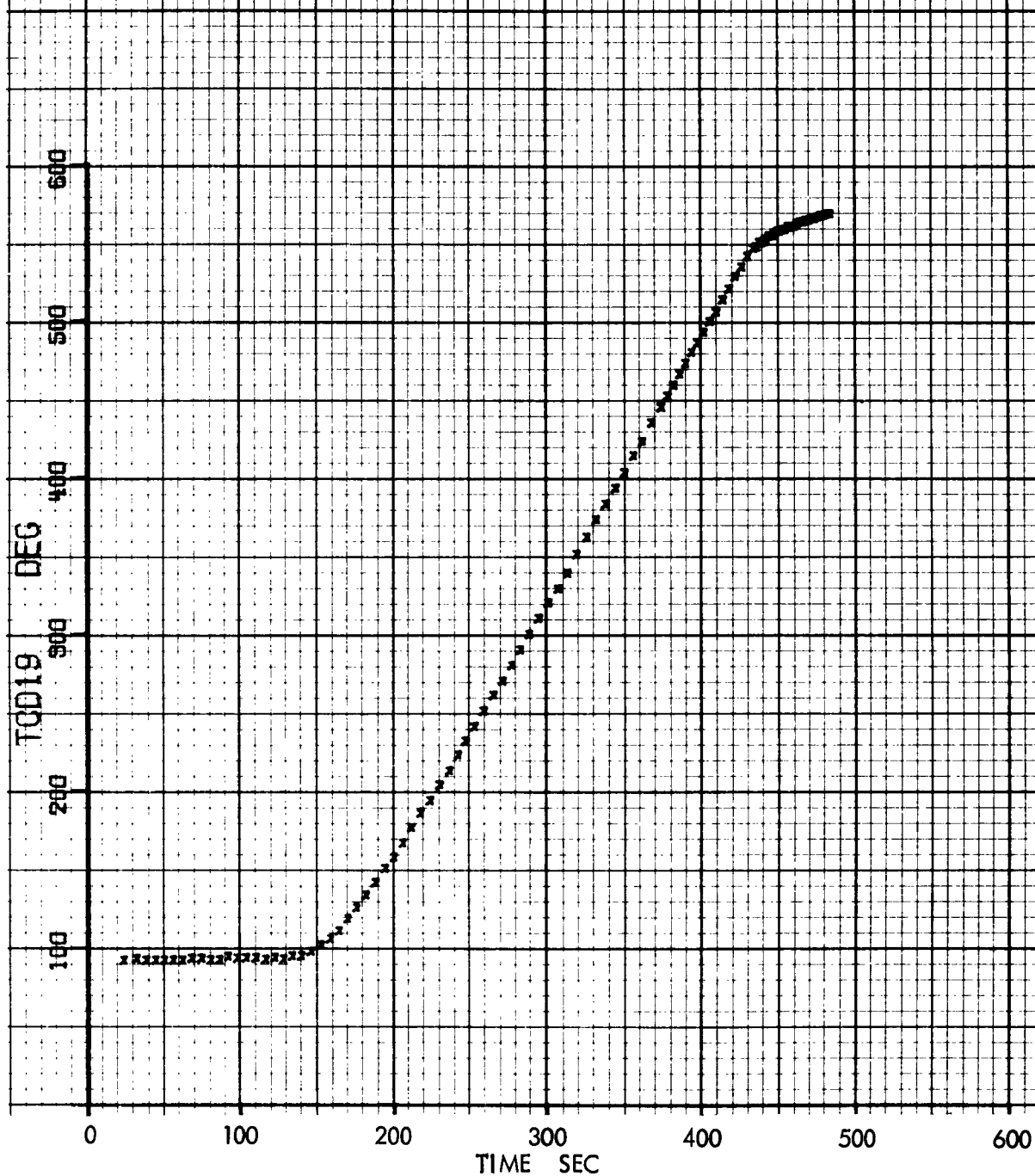
TEST 036 9/23





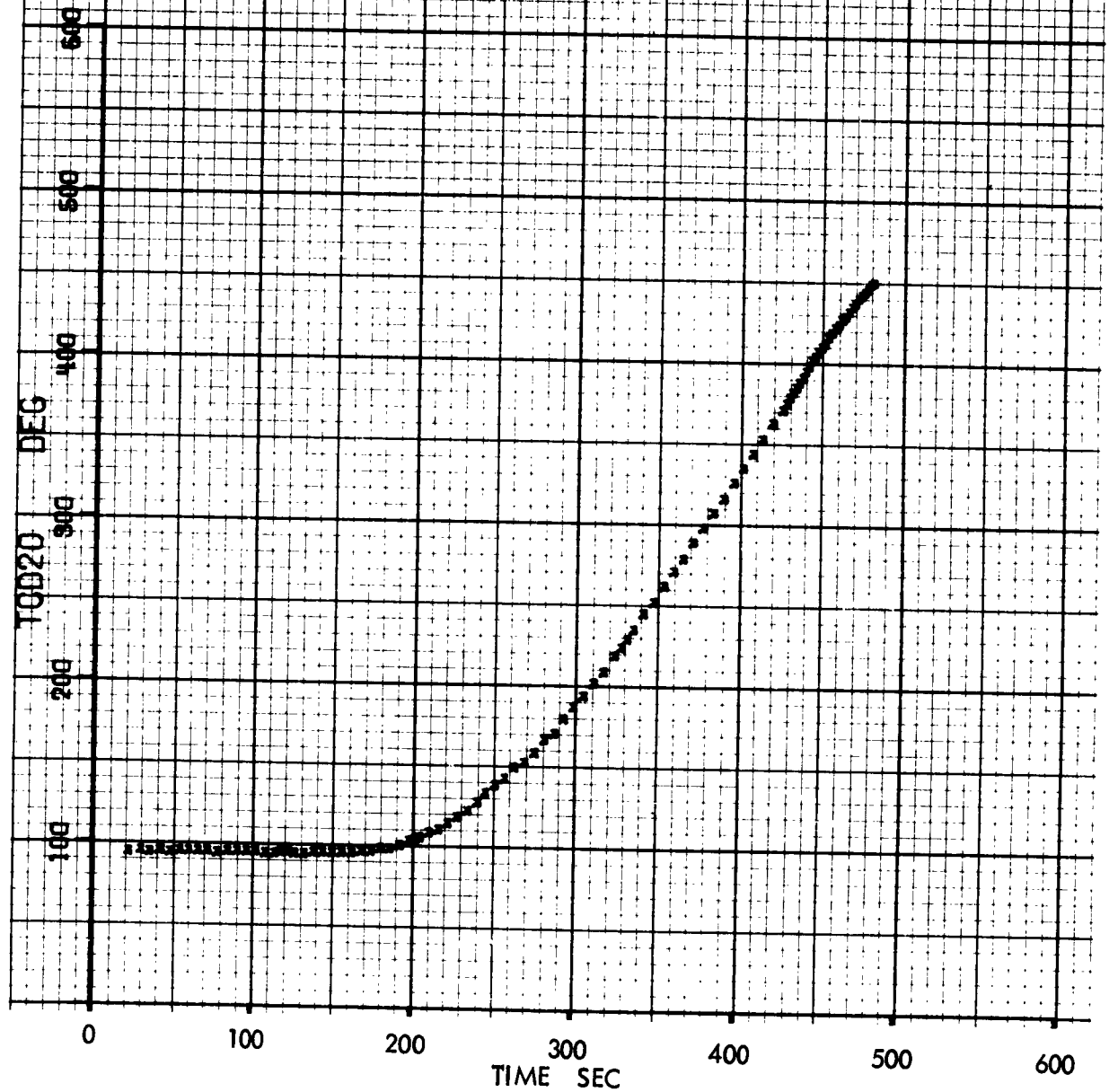
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TEST 036 9/23



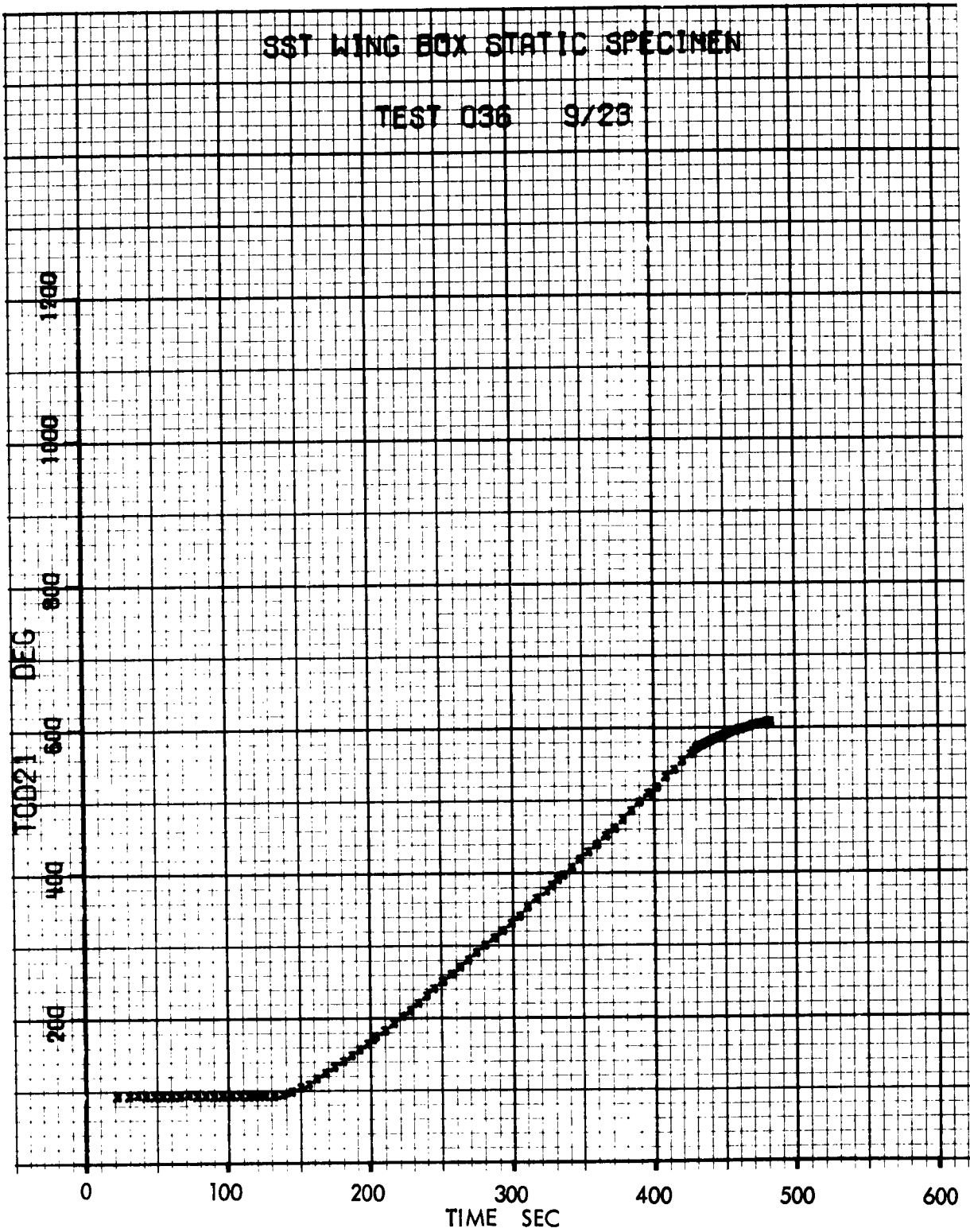
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



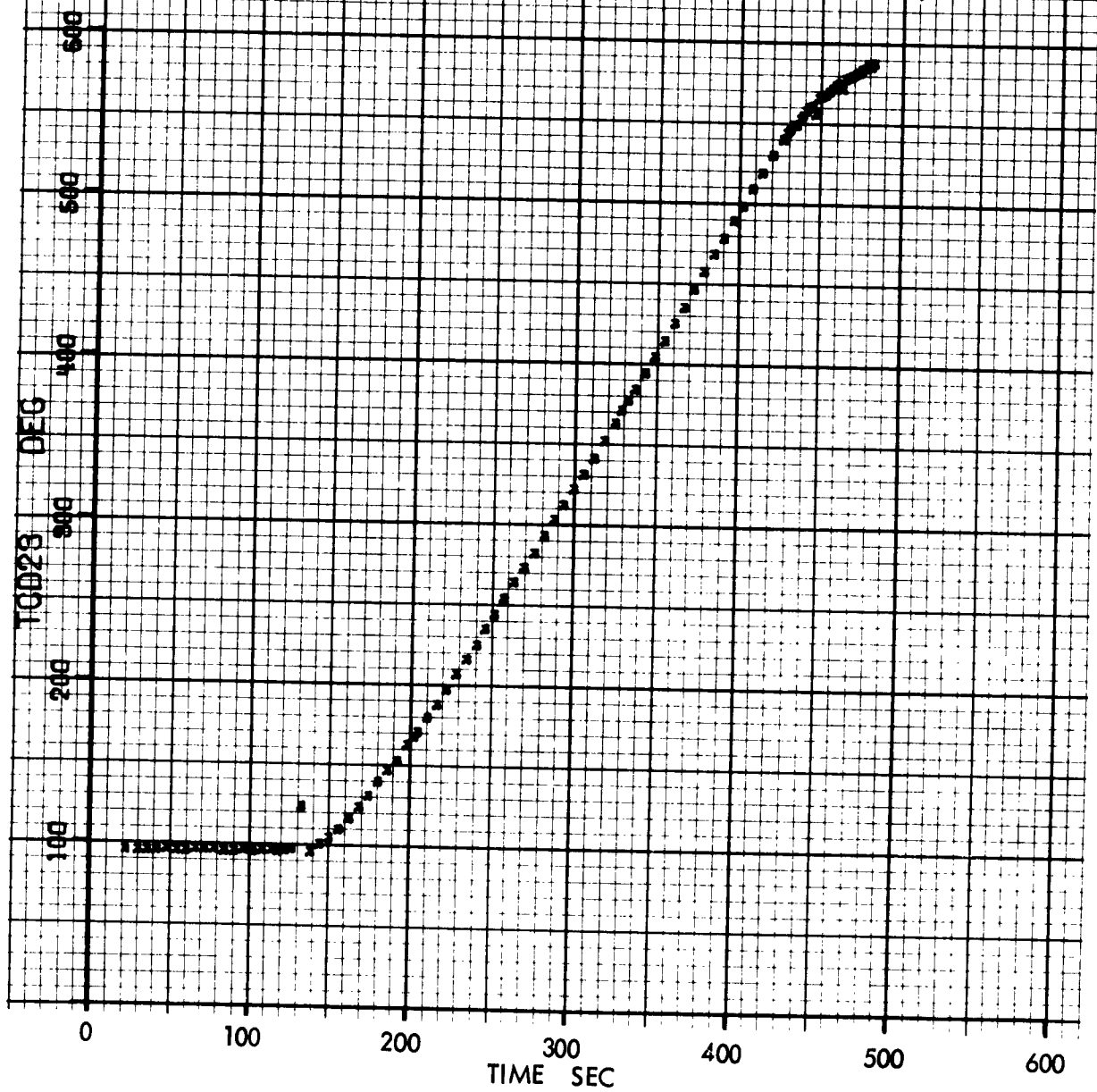
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



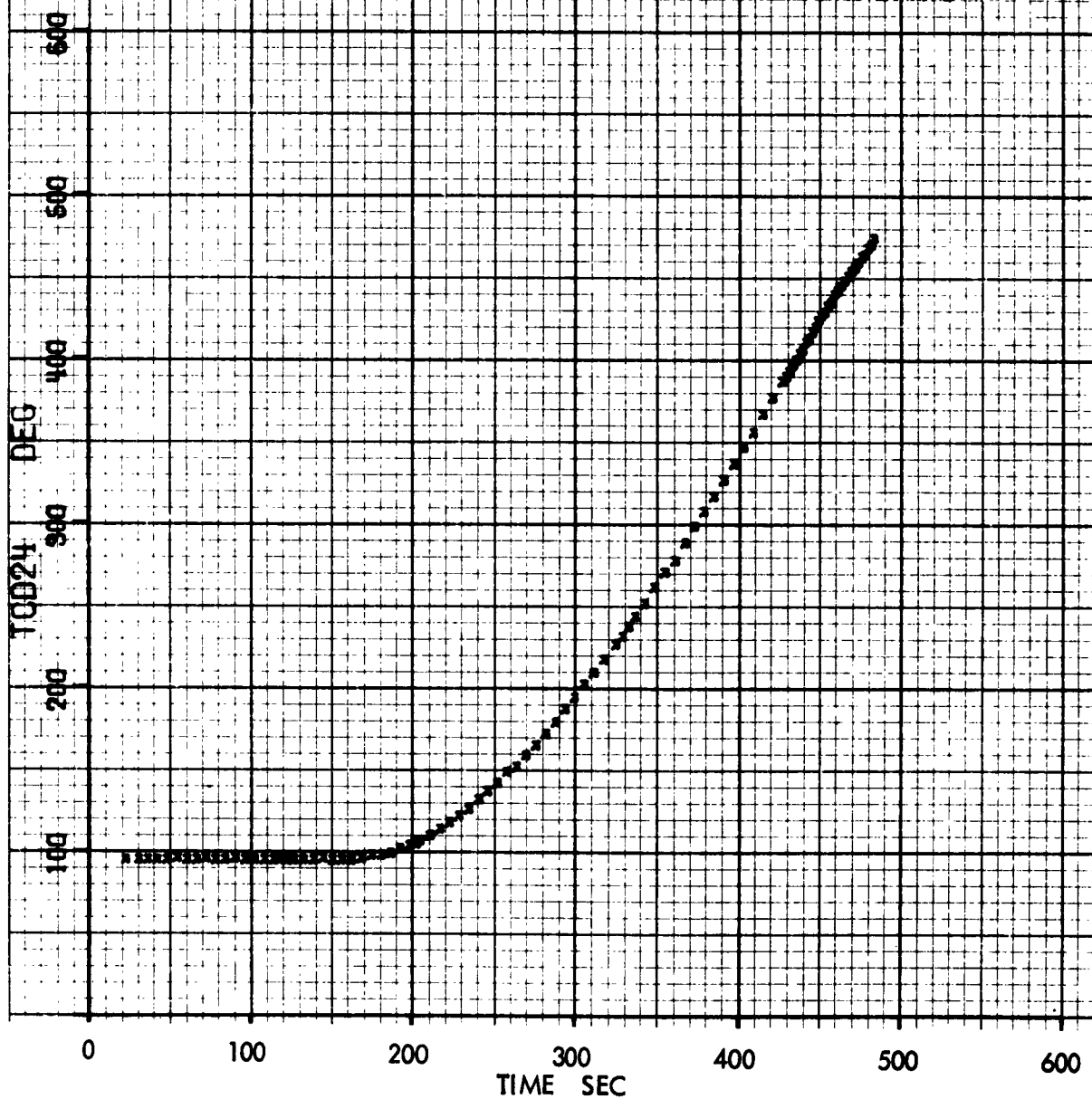
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TEST 036 9/23



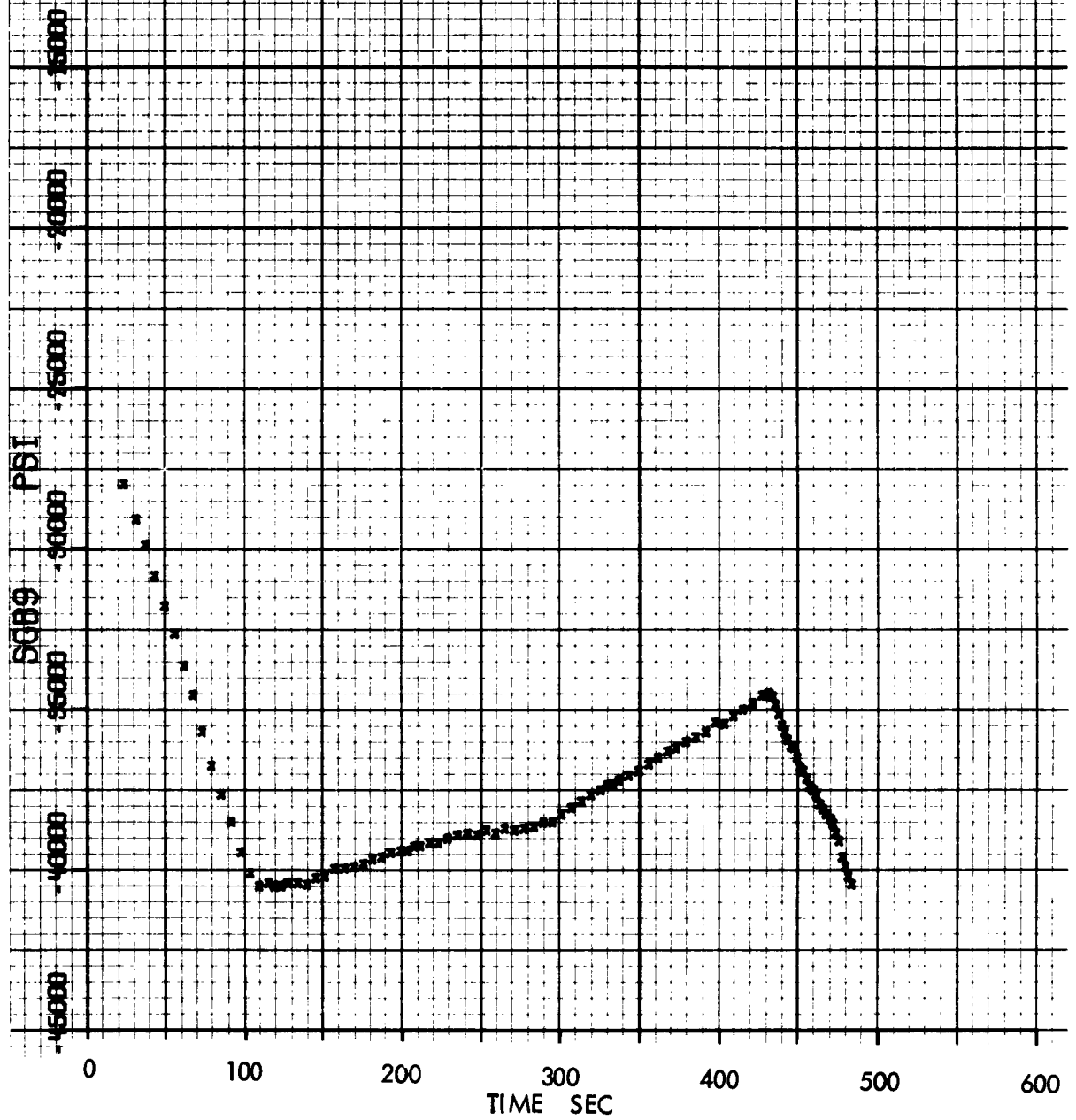
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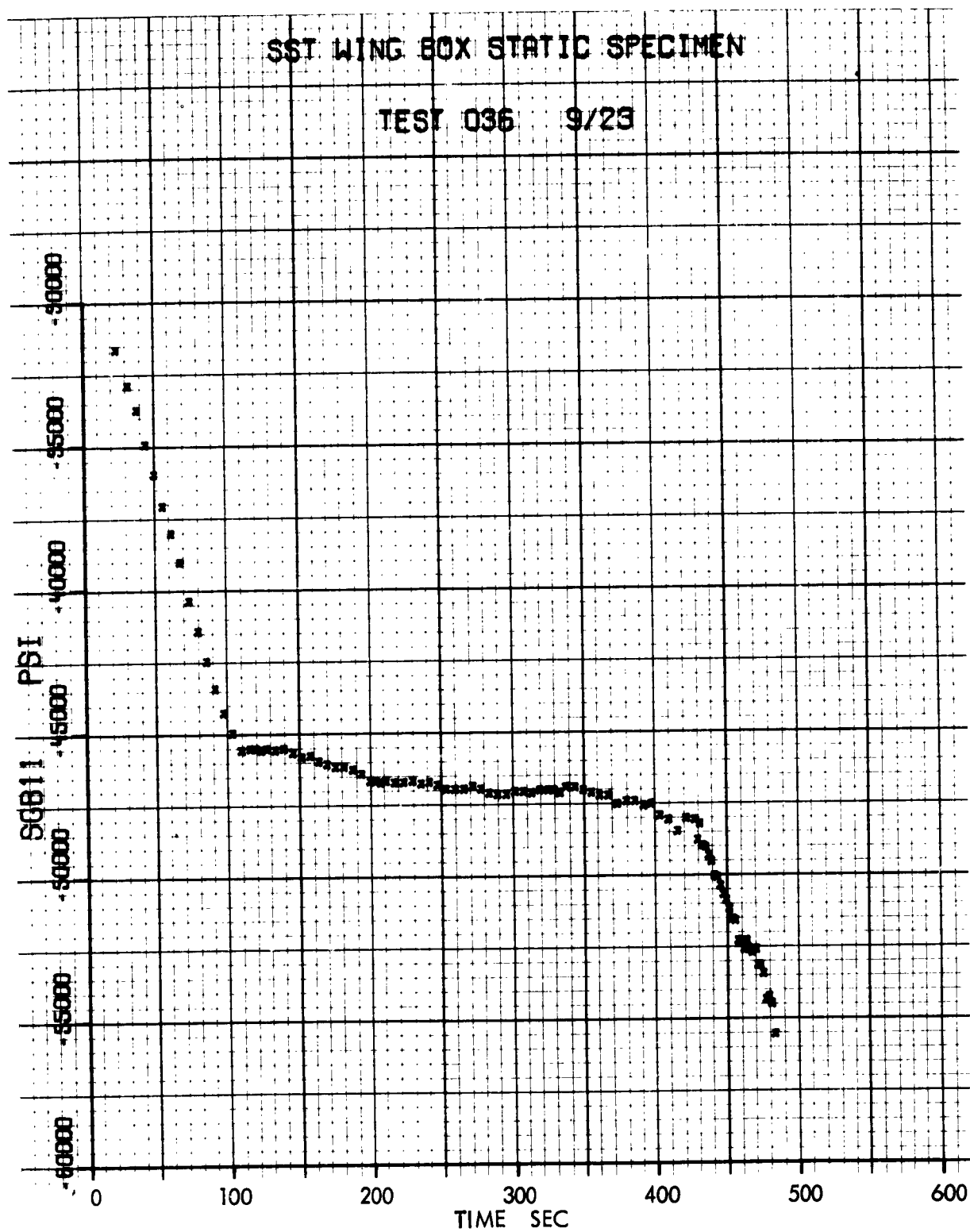
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

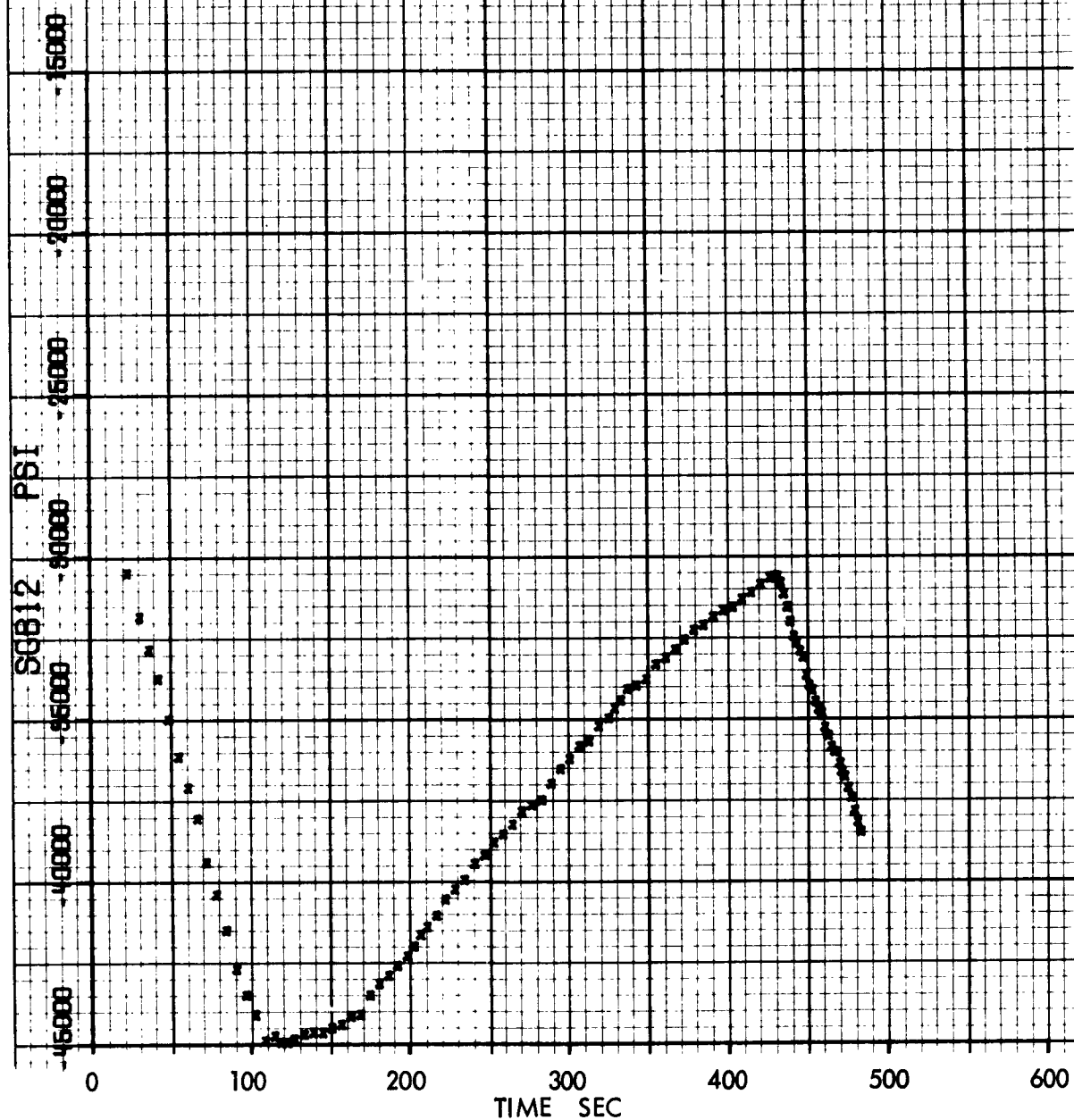
TEST 036 9/23



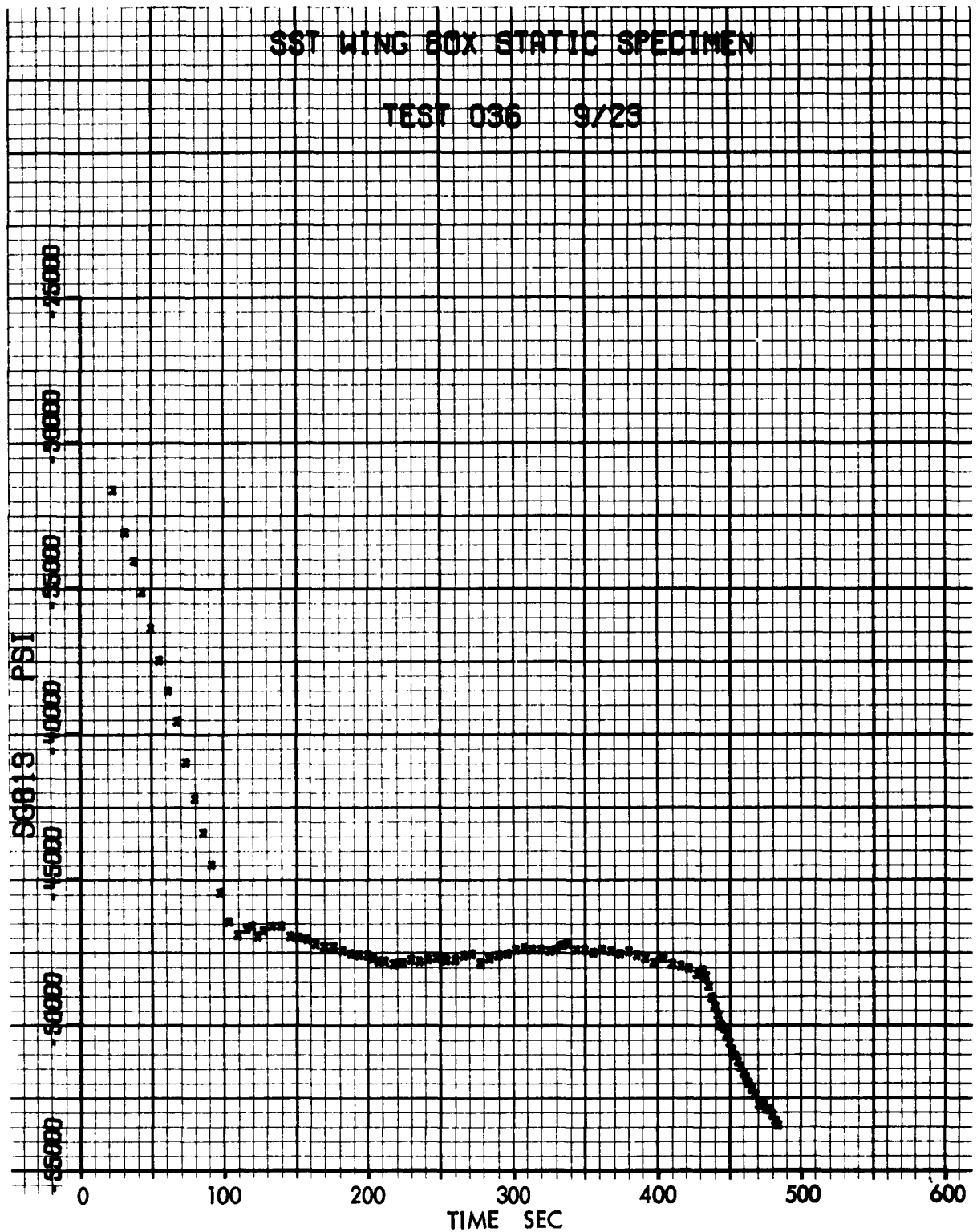


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

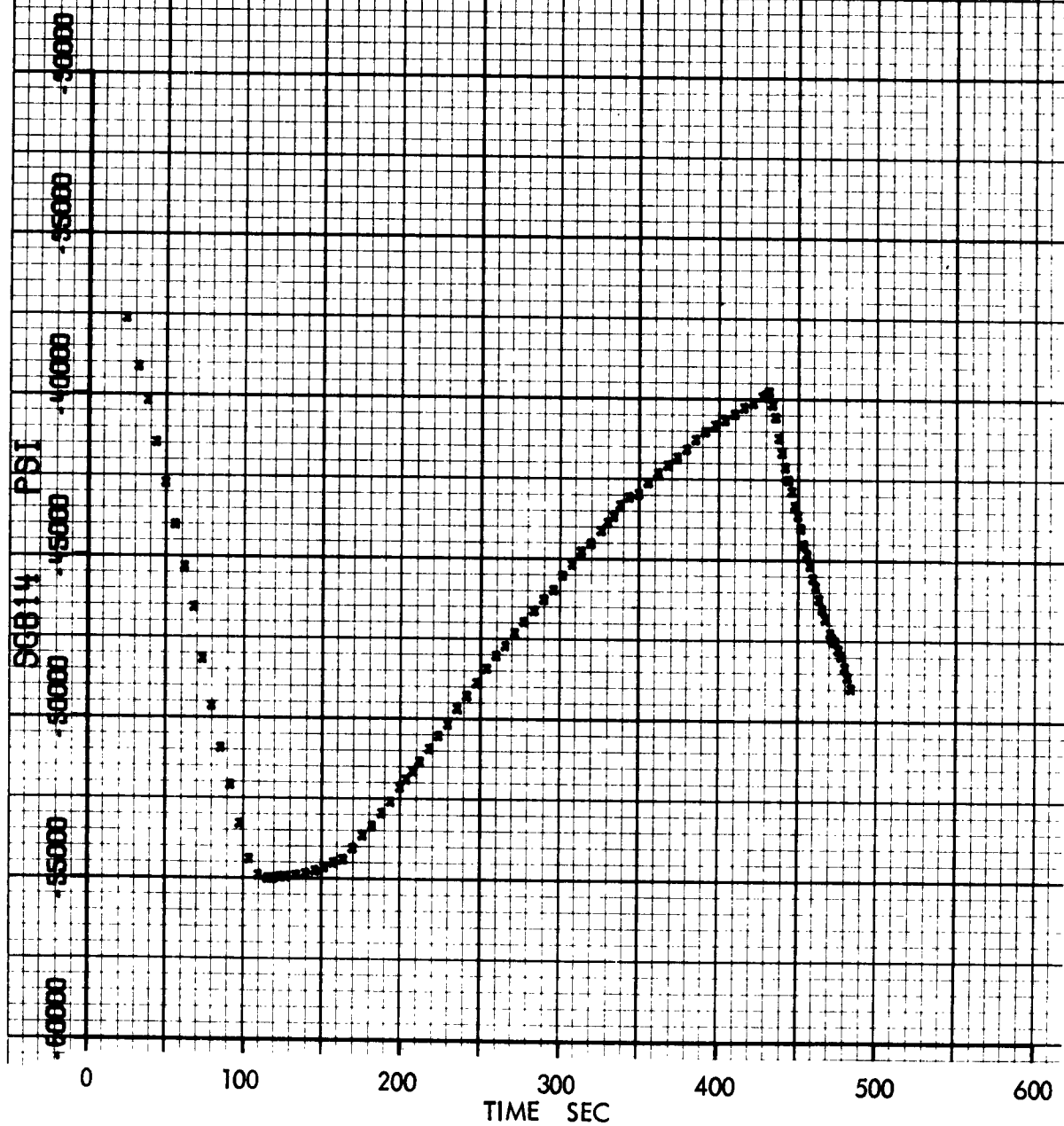






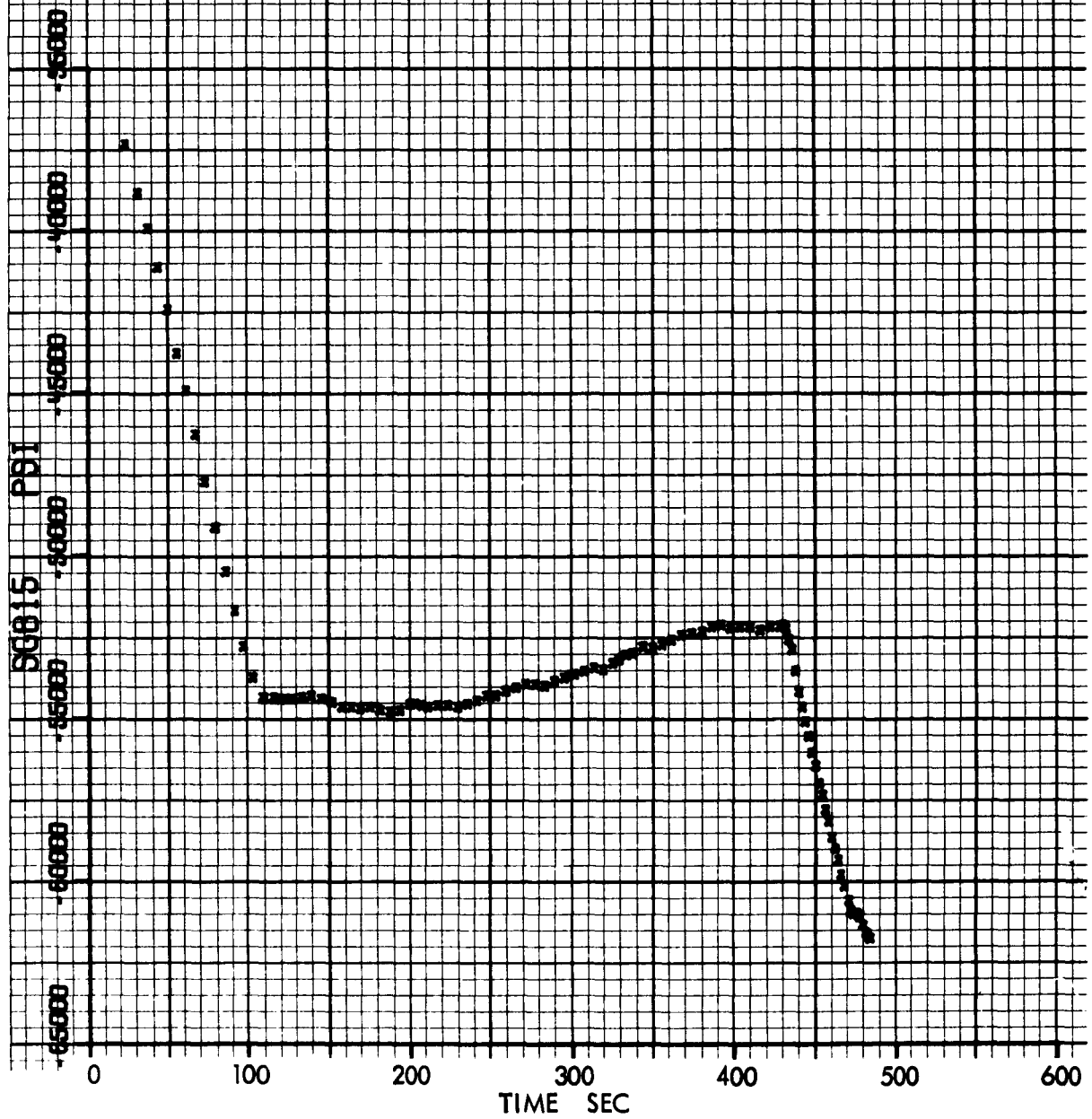
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



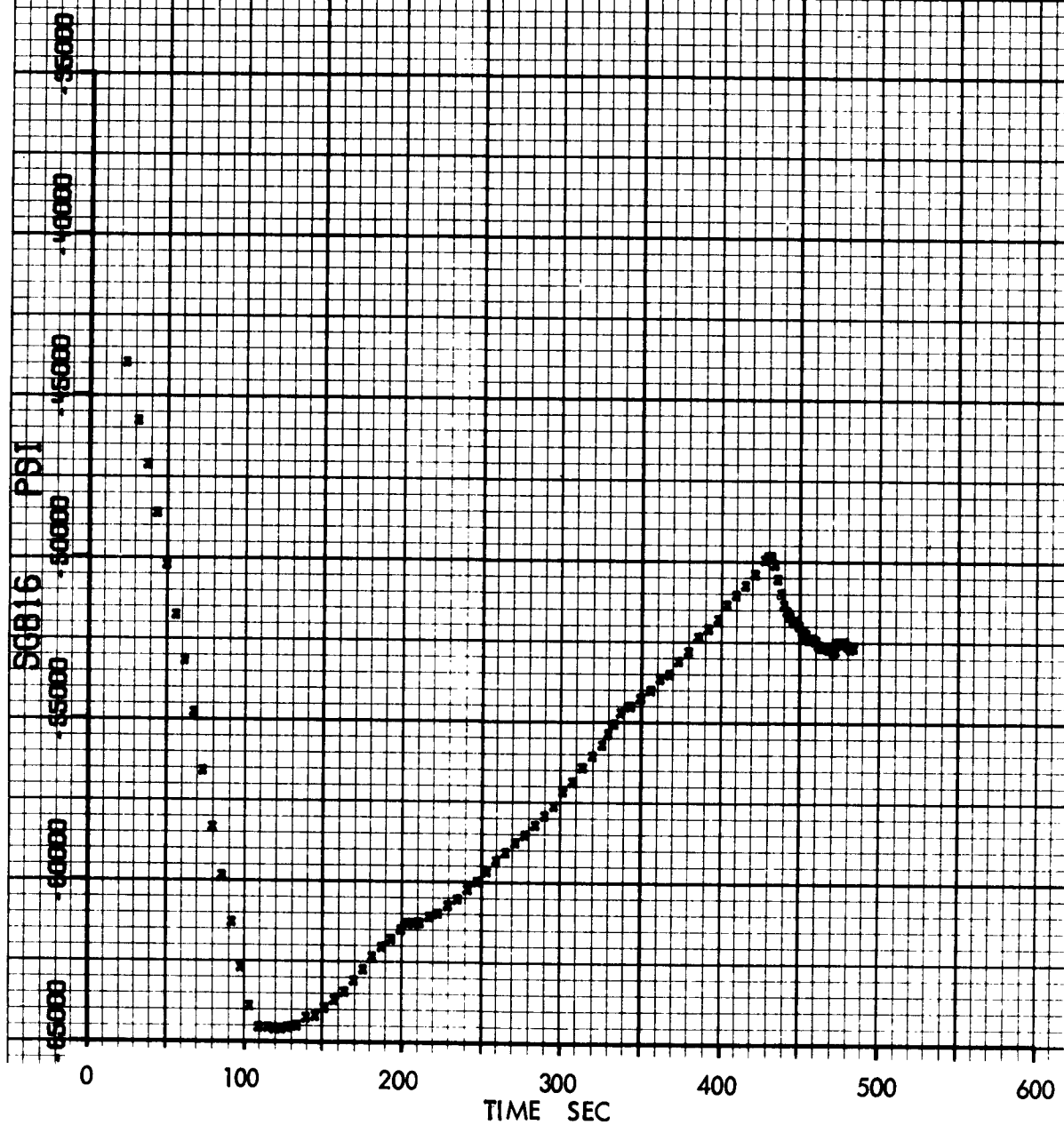
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



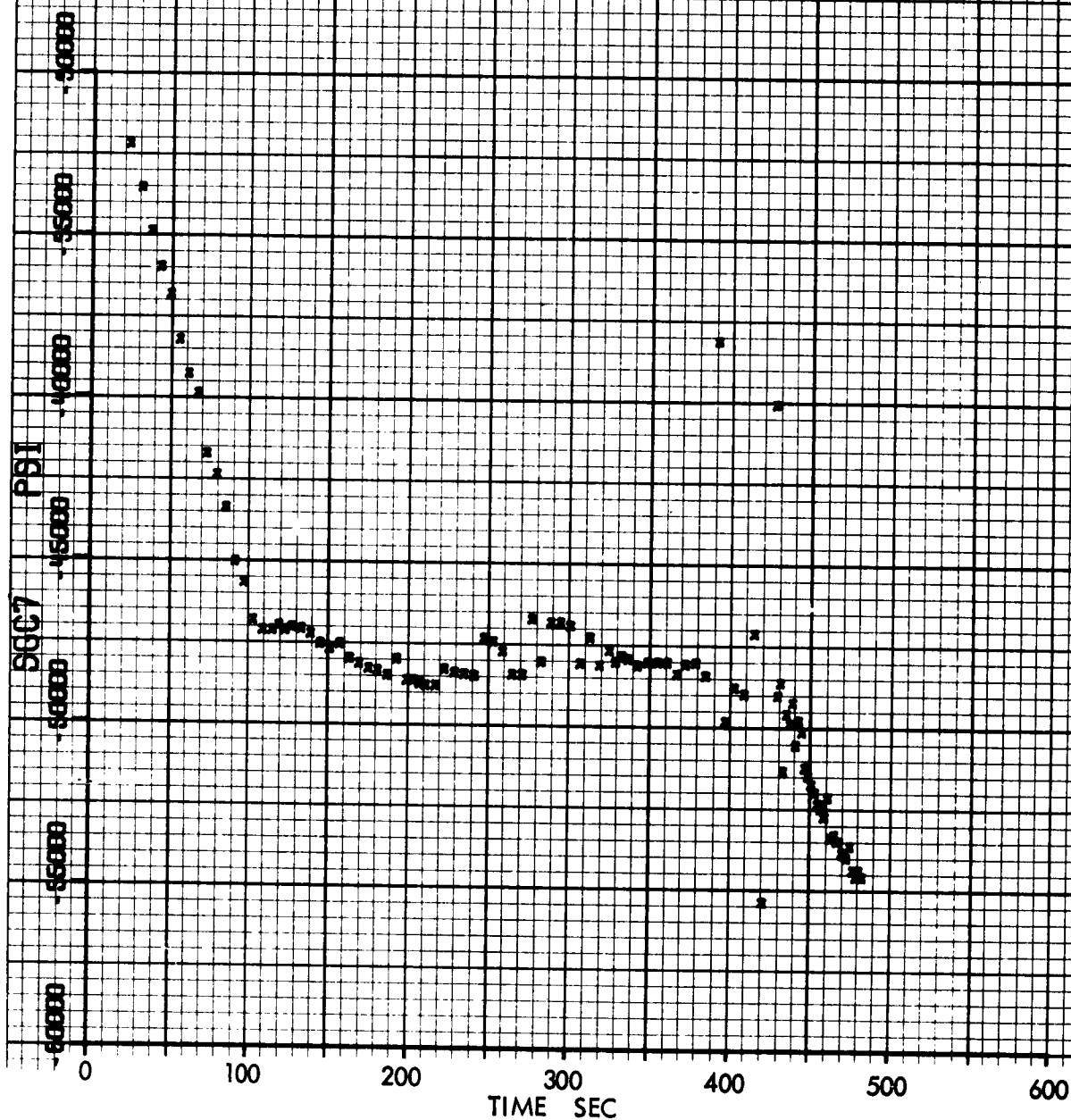
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



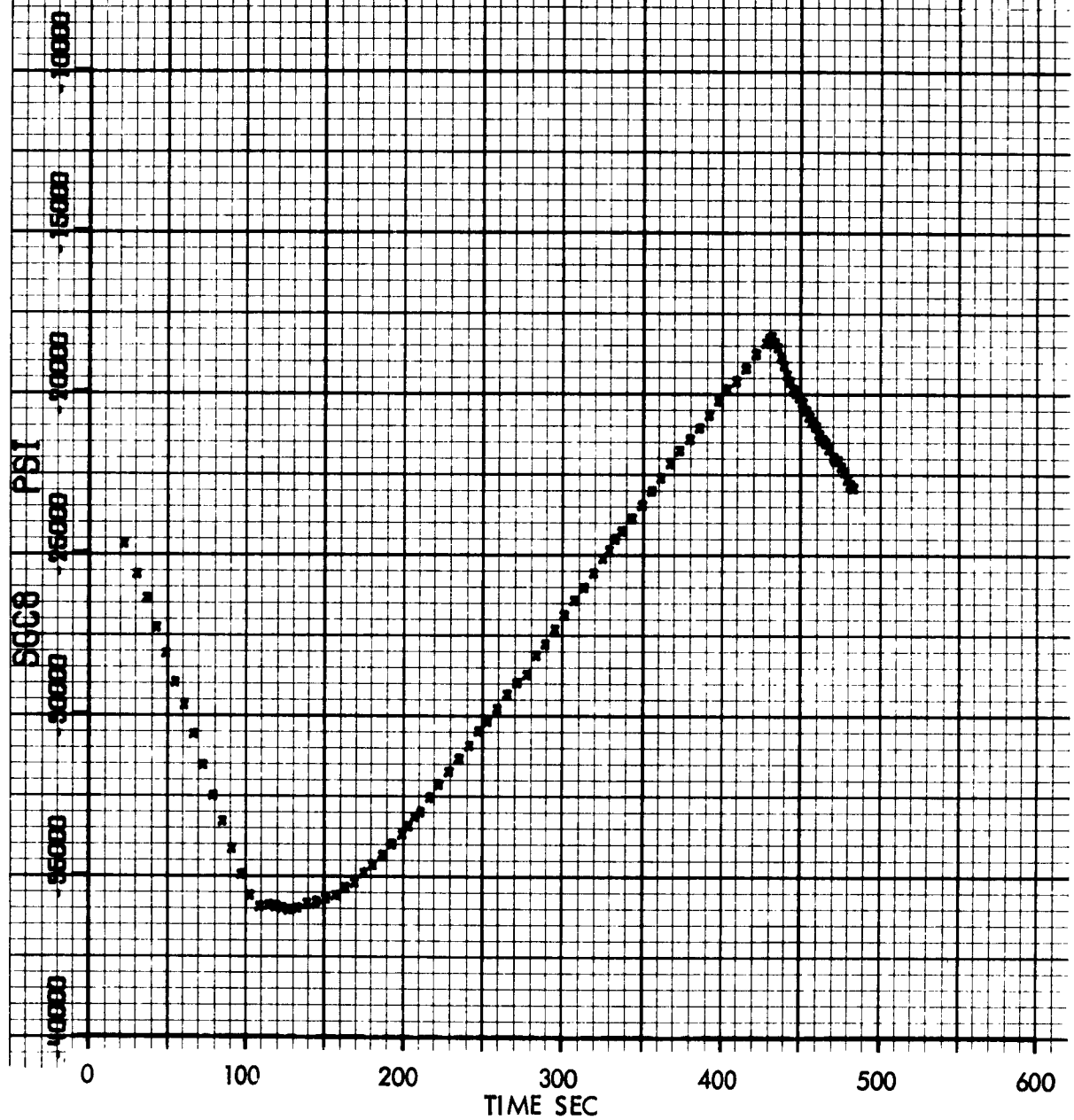
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



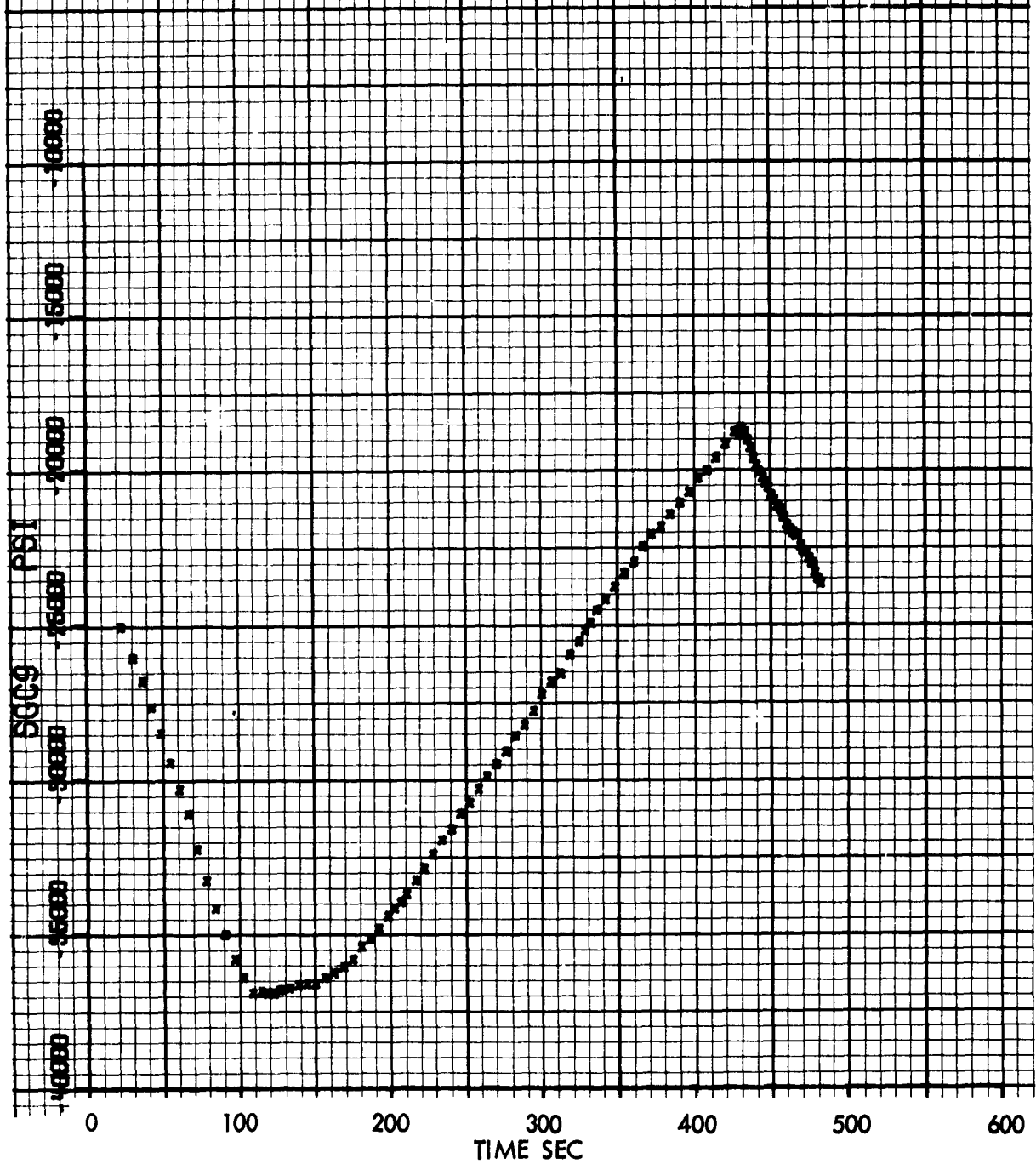
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



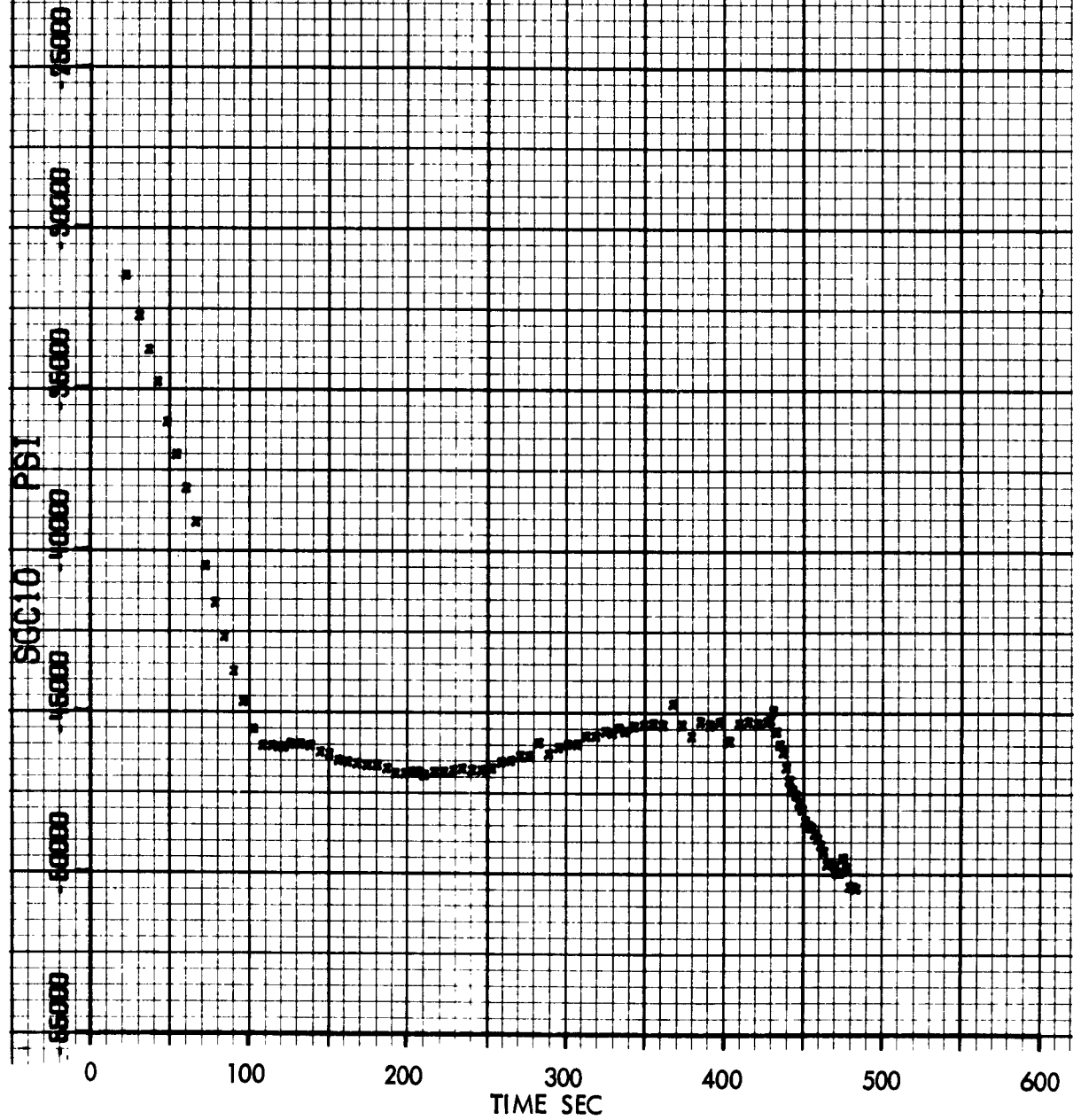
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

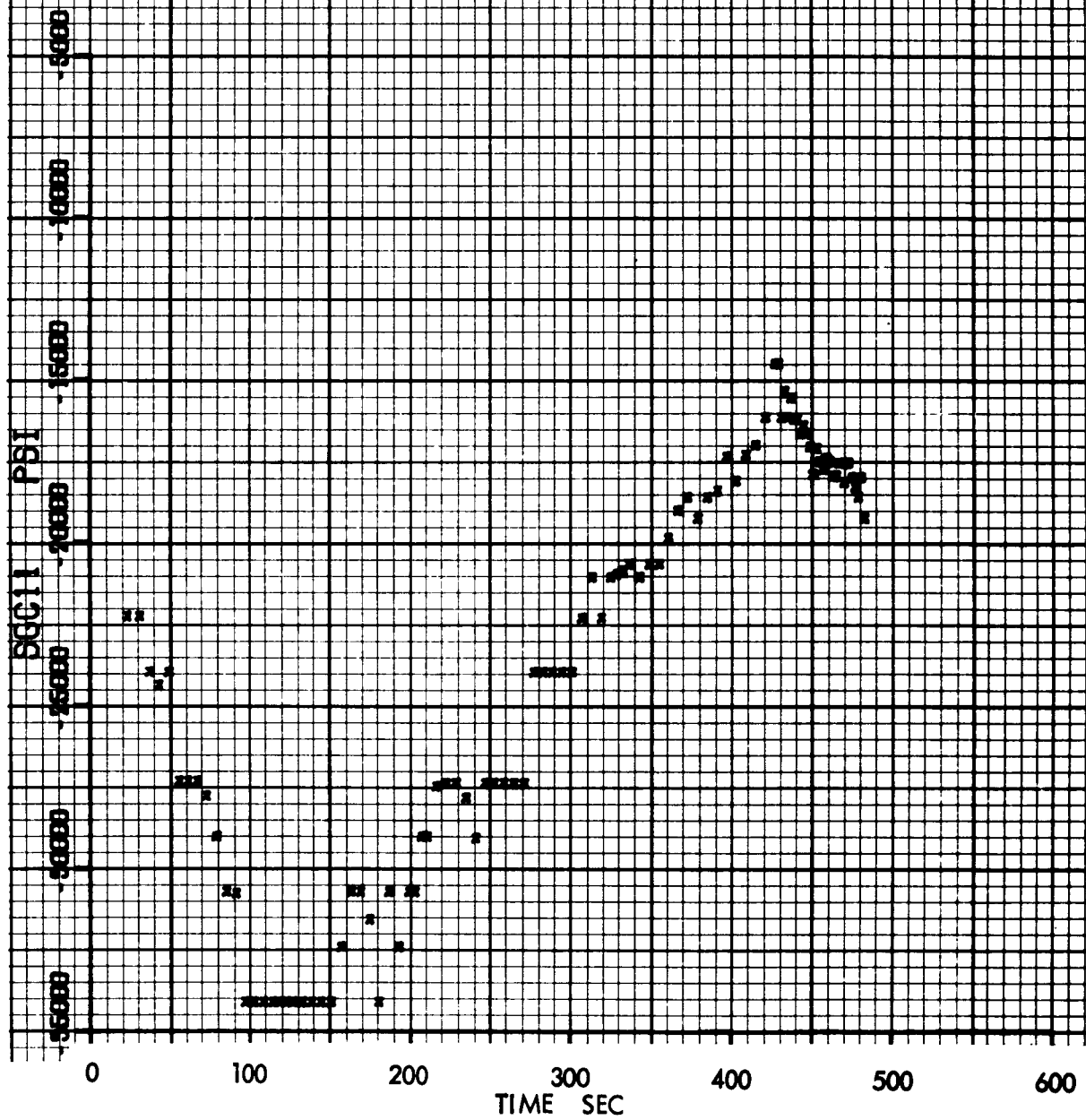
TEST 036 9/23





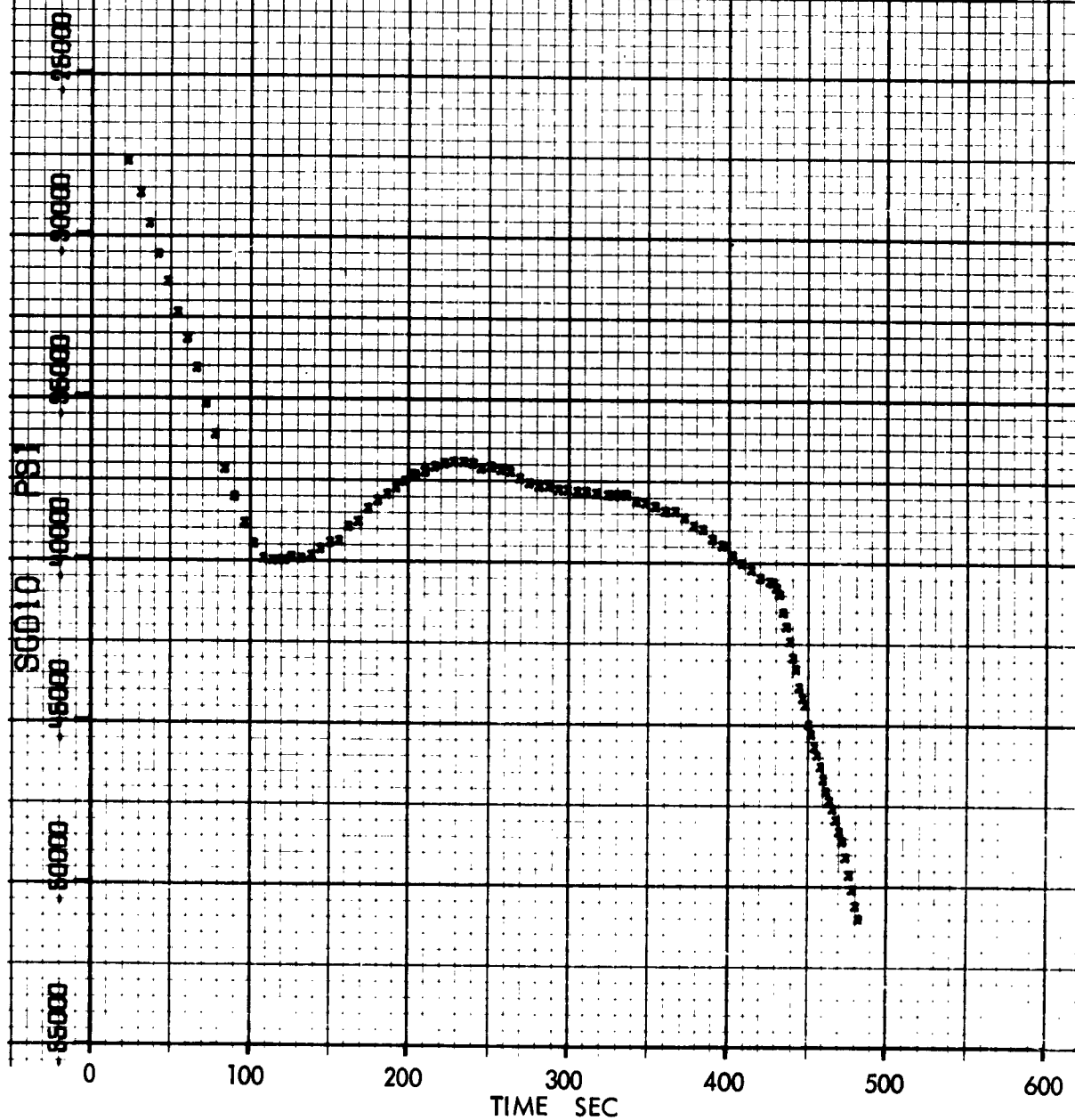
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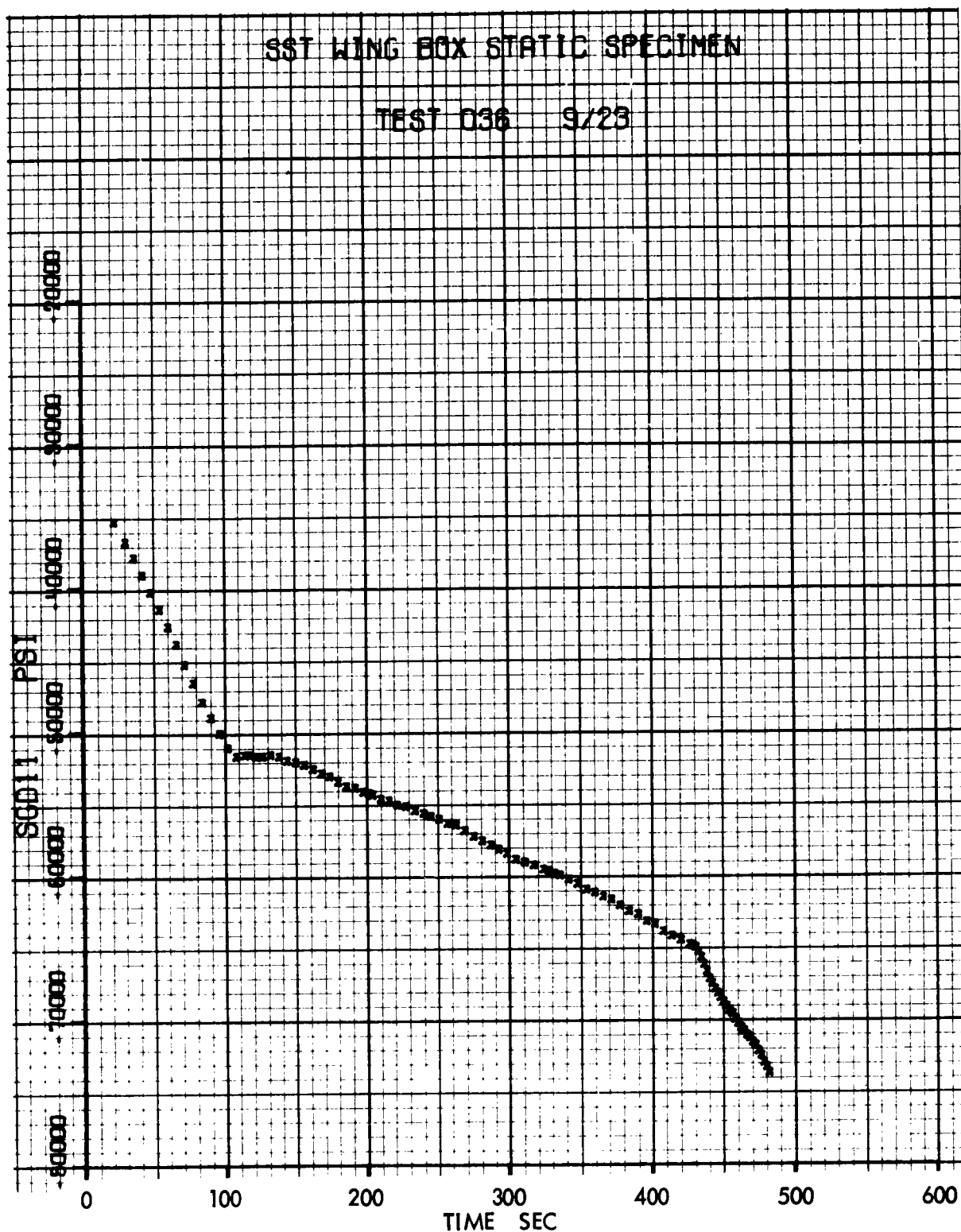
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

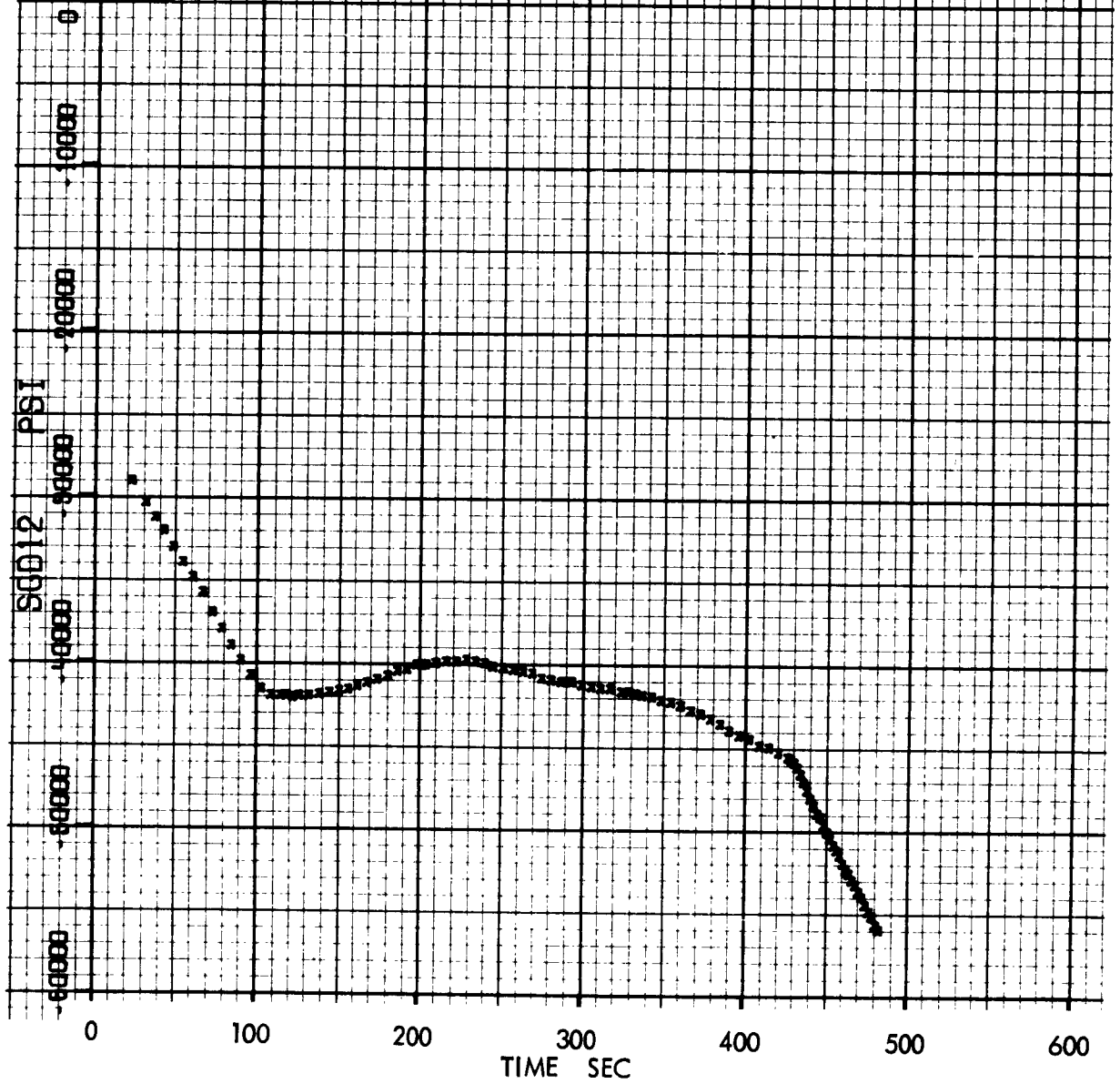
TEST 036 9/23





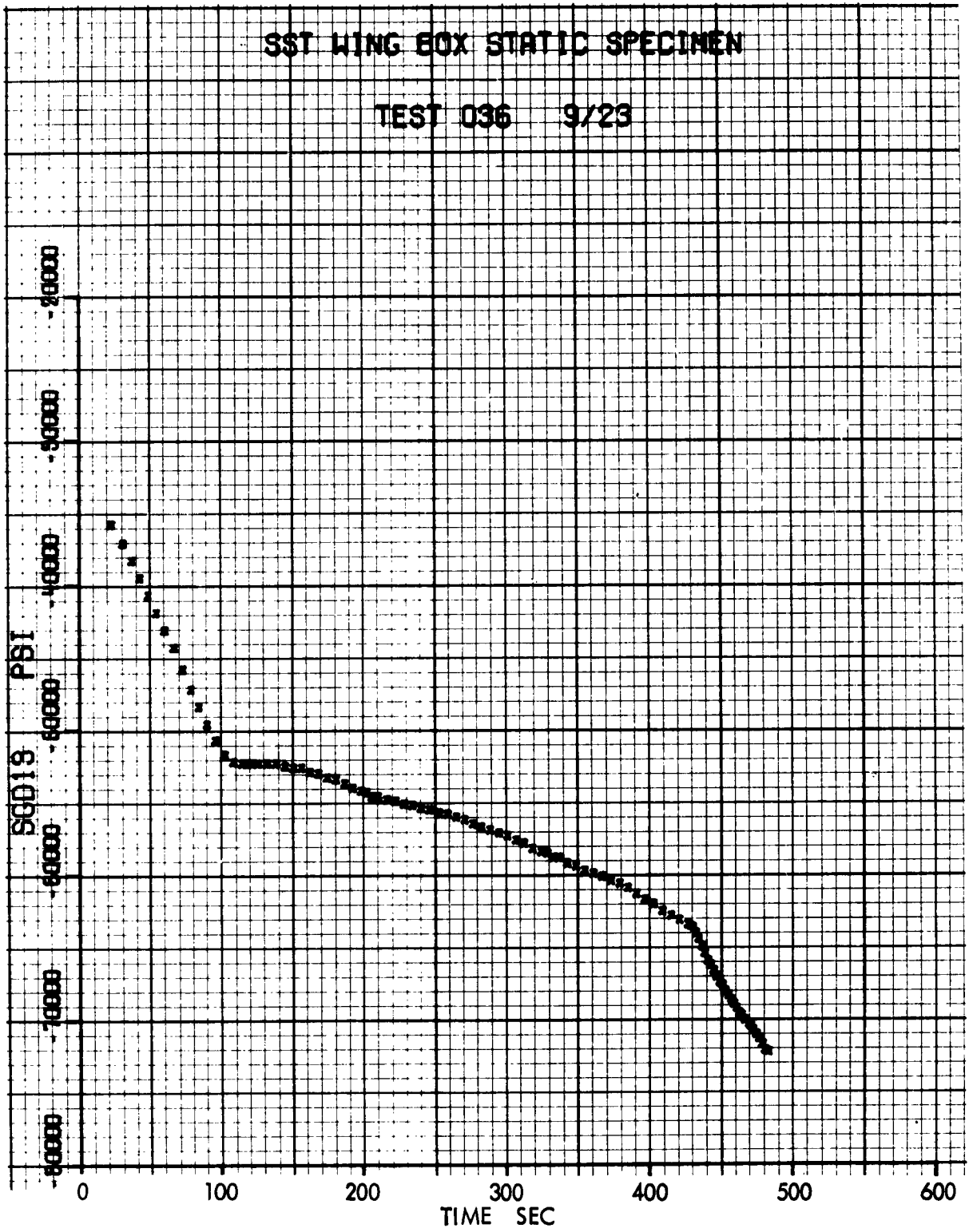
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TEST 036 9/23



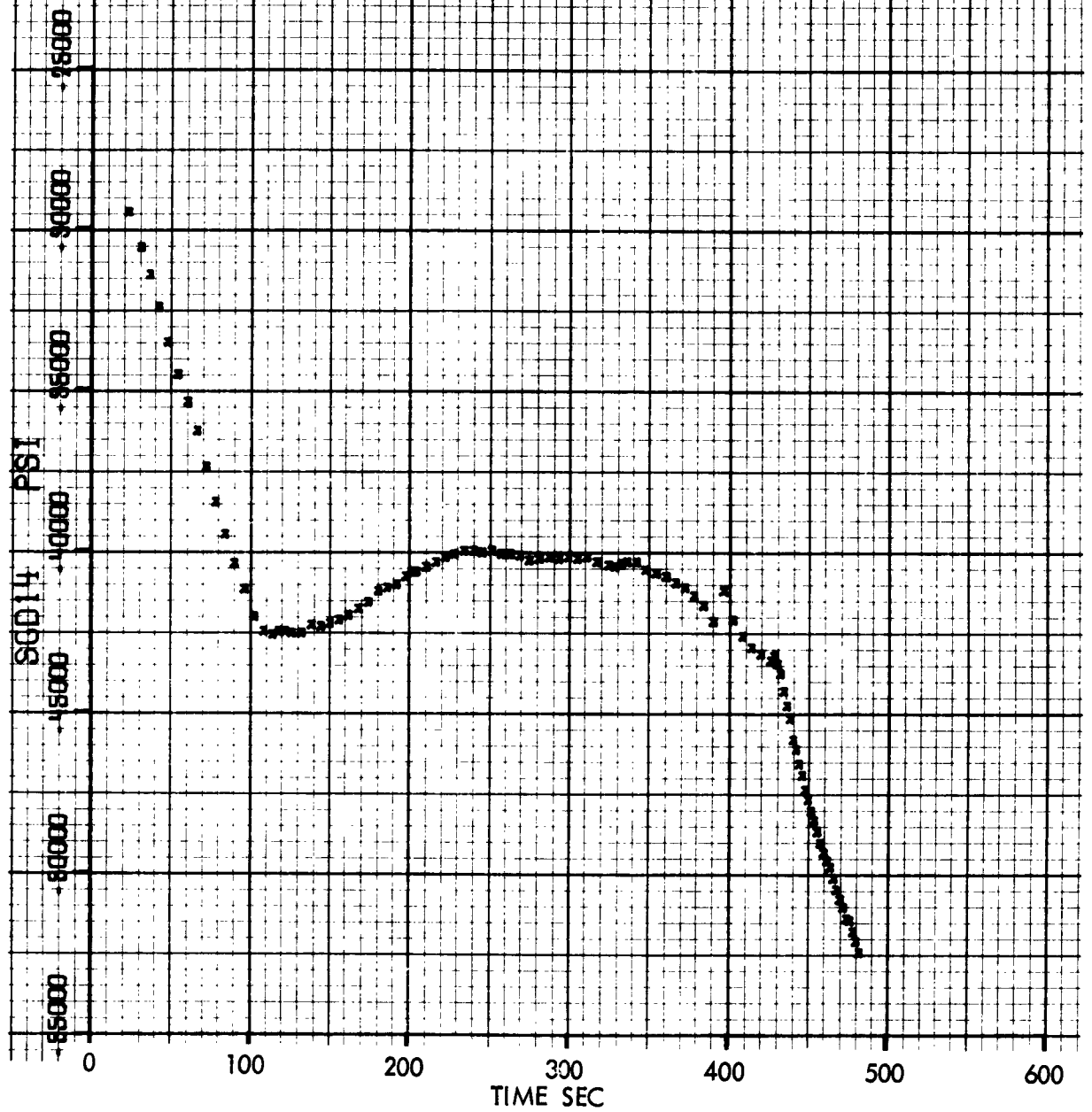
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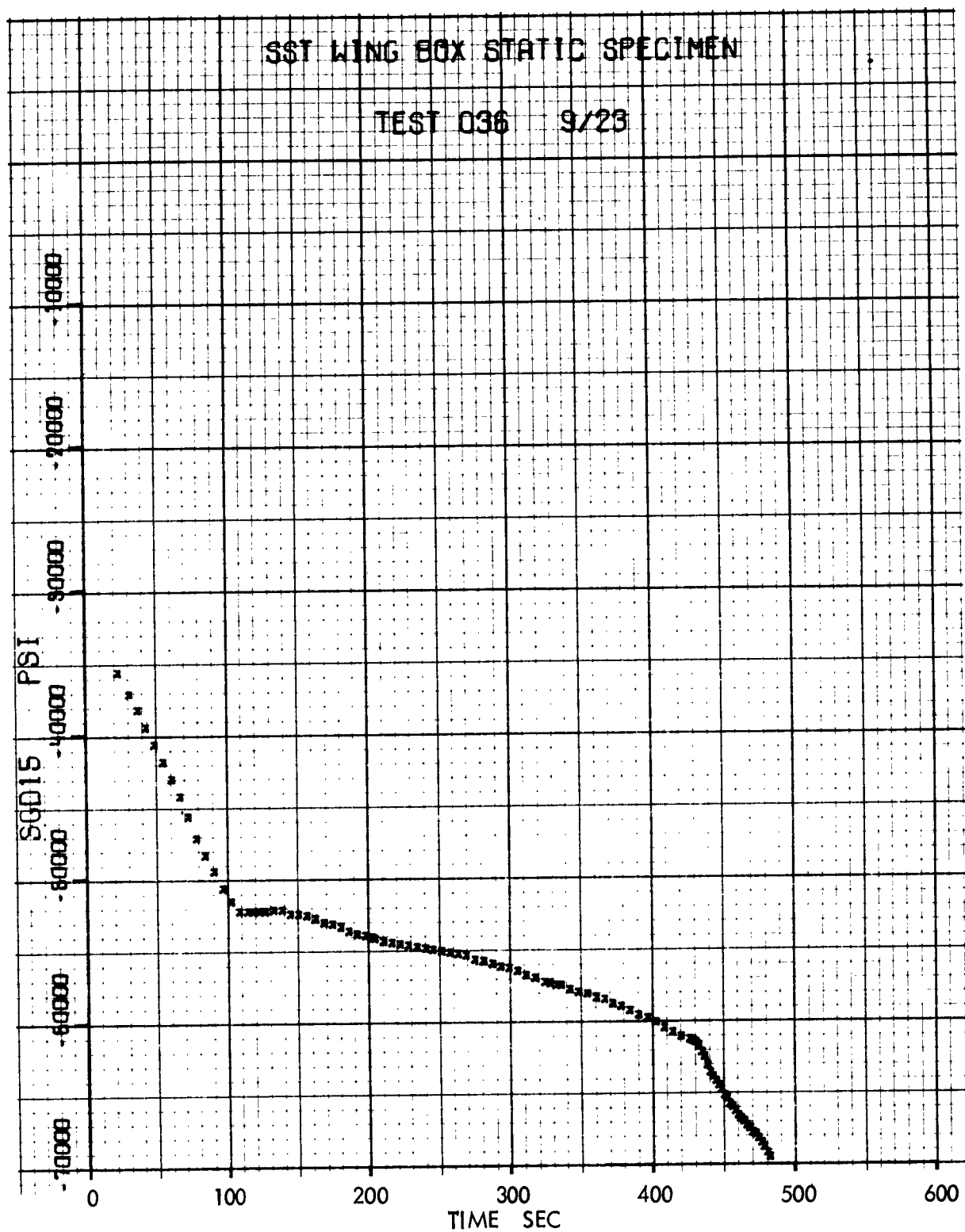
TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

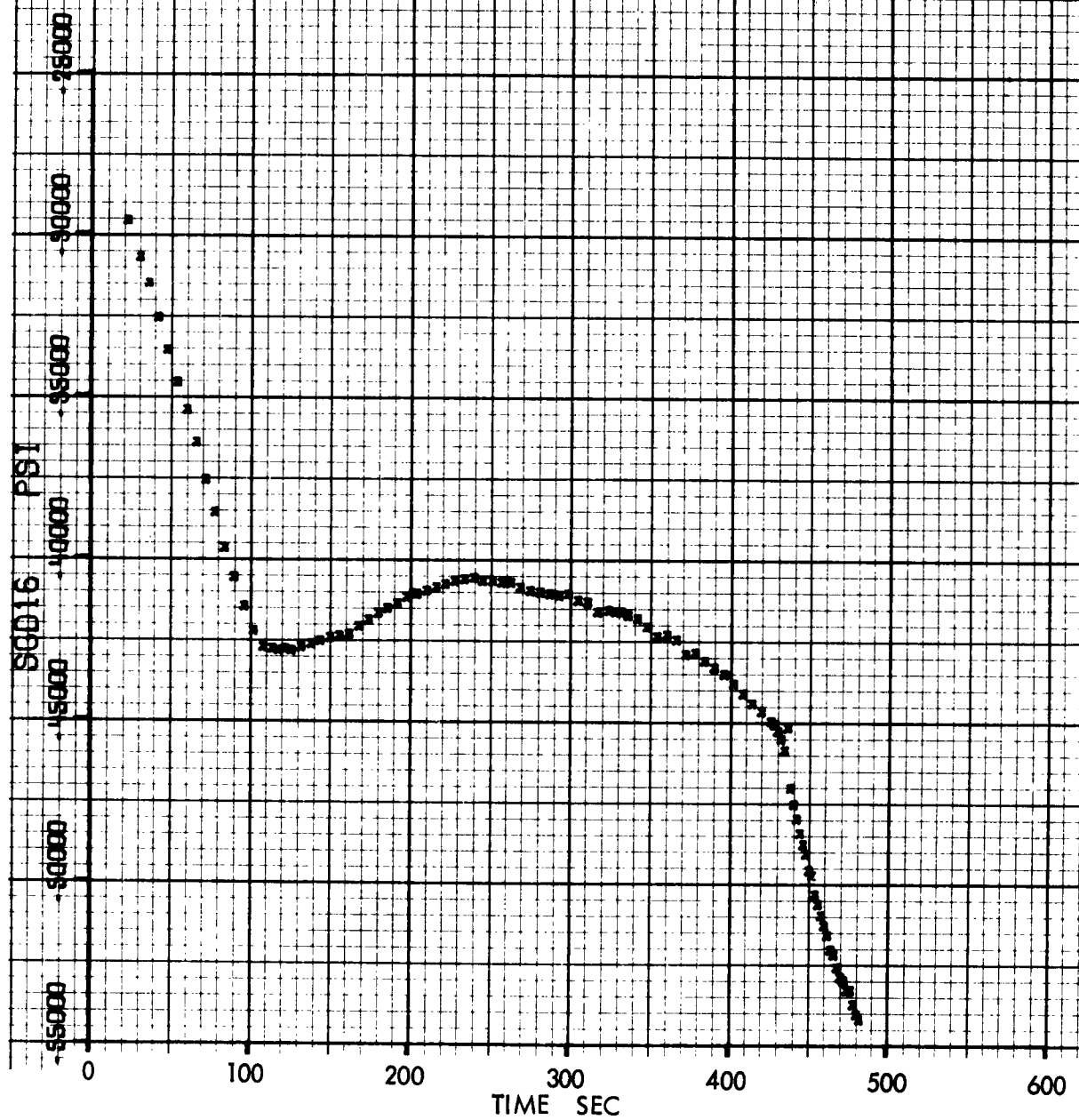
TEST 036 9/23



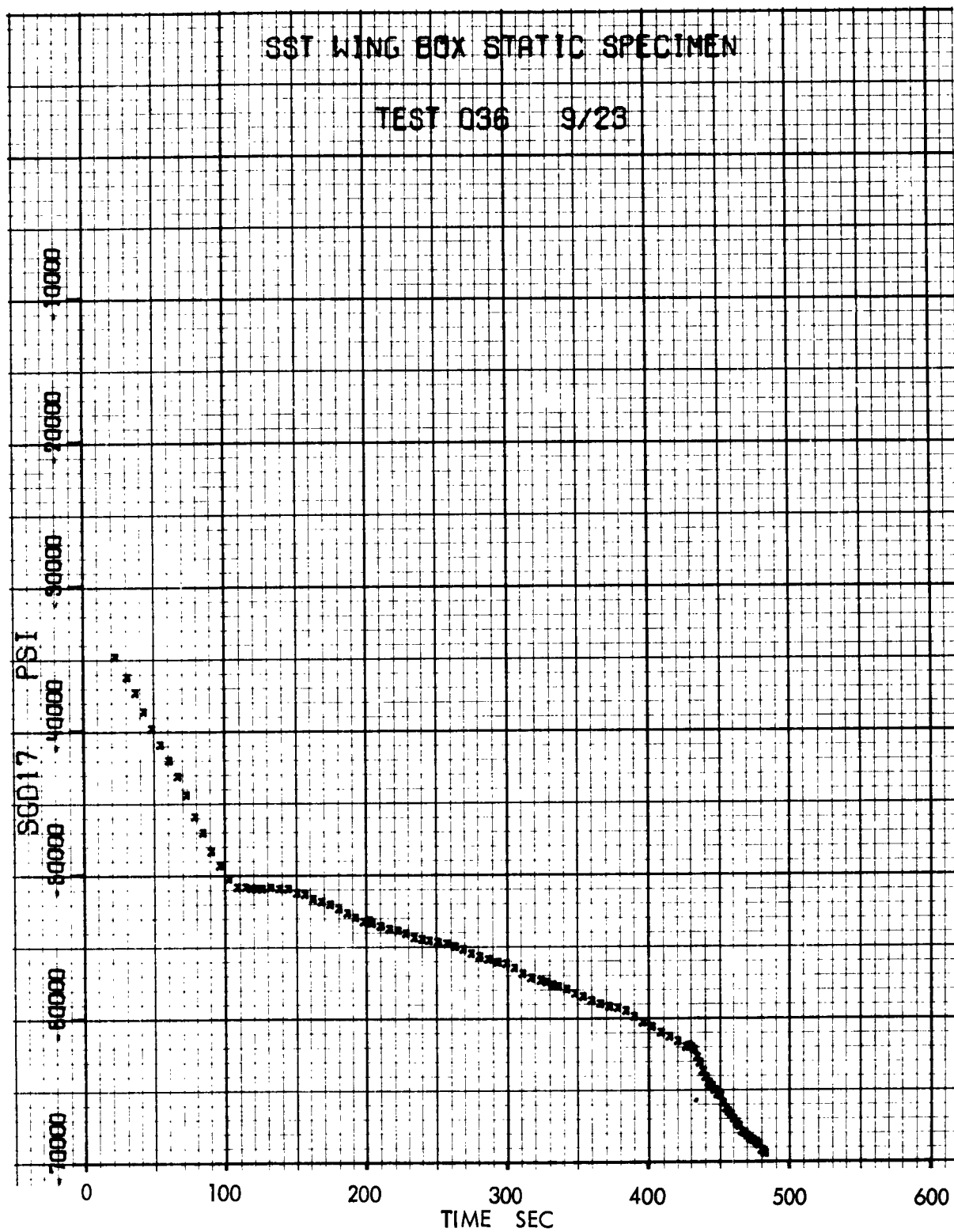


# SST WING BOX STATIC SPECIMEN

TEST 036 9/23

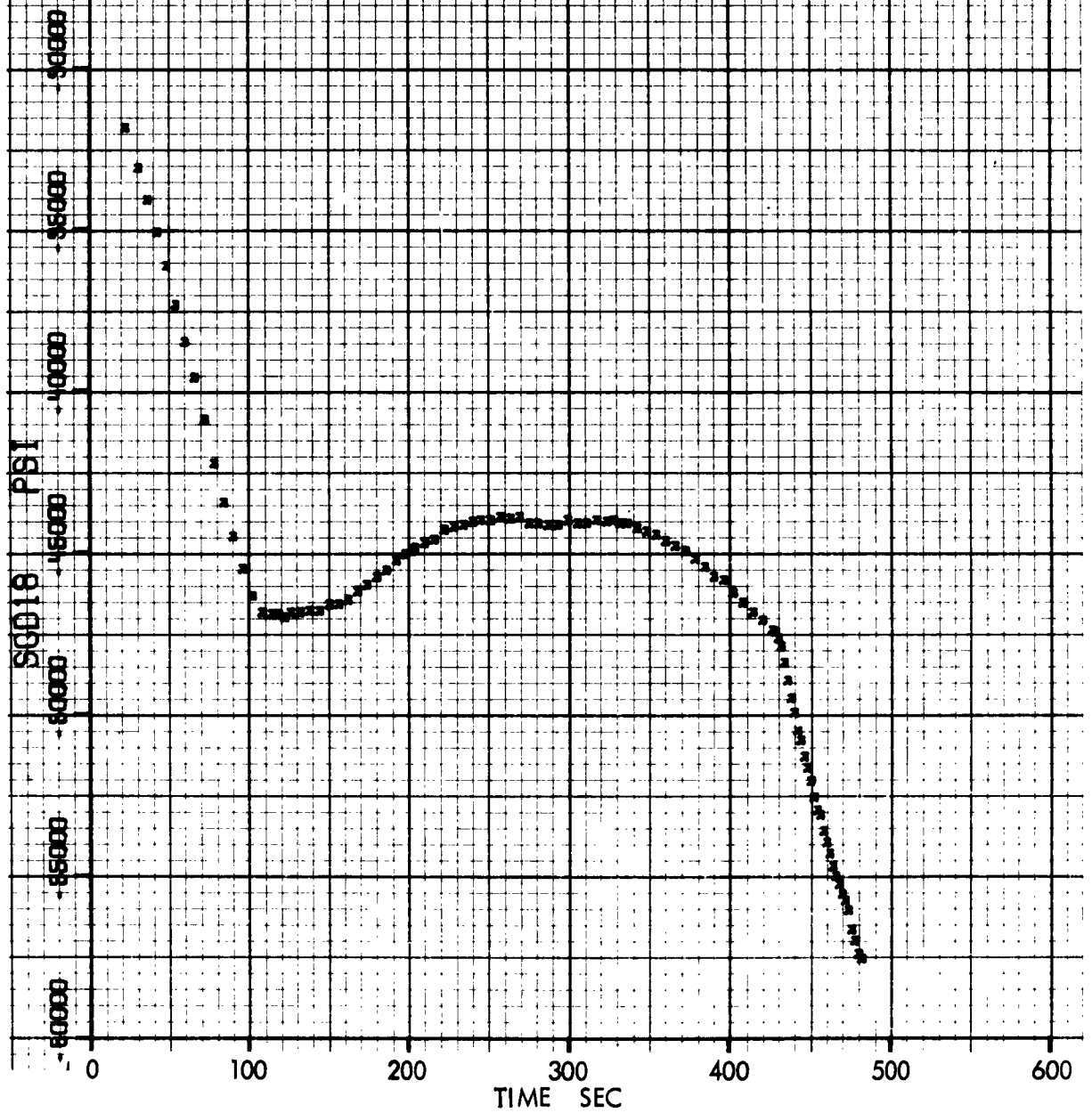


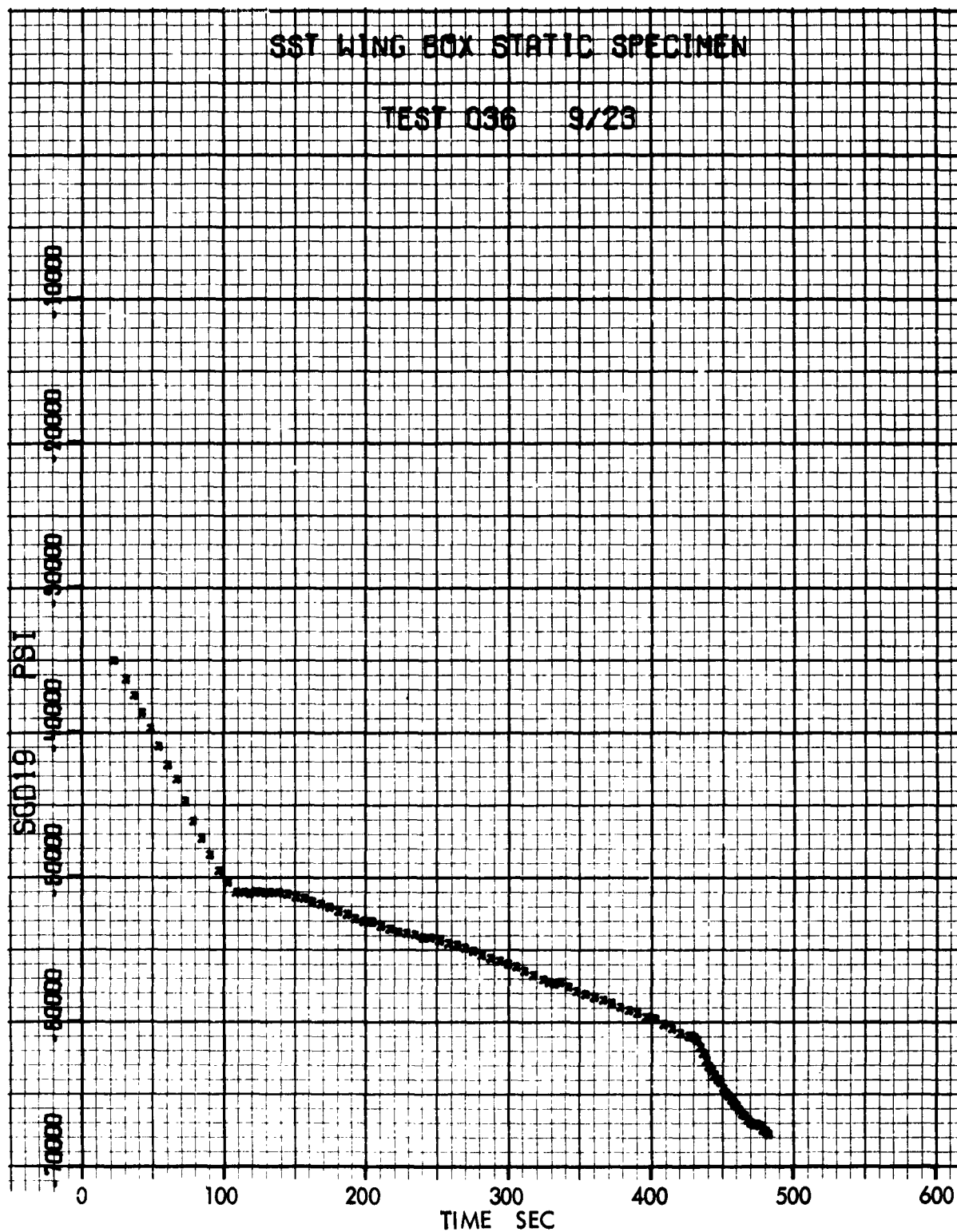




SST WING BOX STATIC SPECIMEN

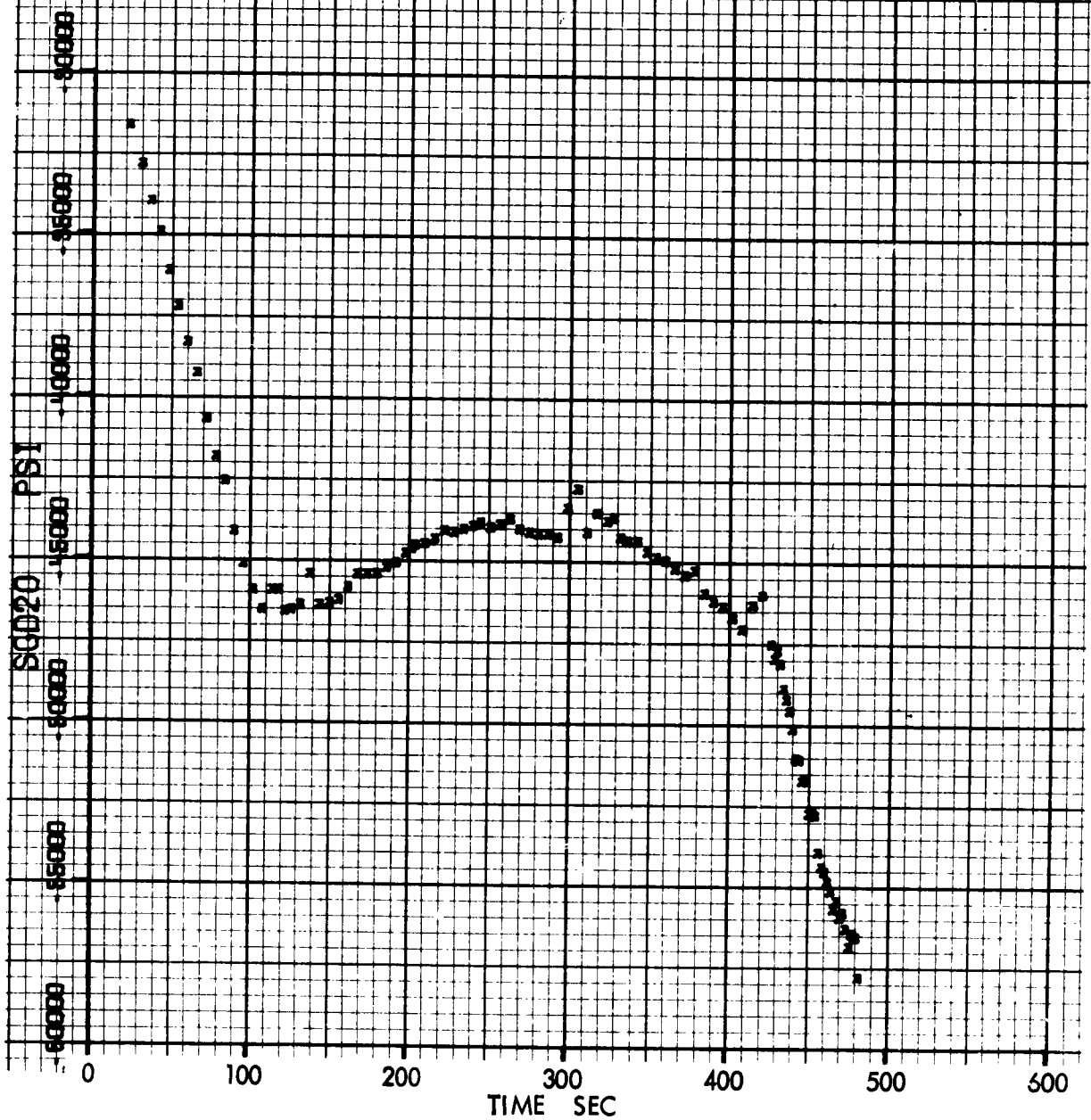
TEST 036 9/23

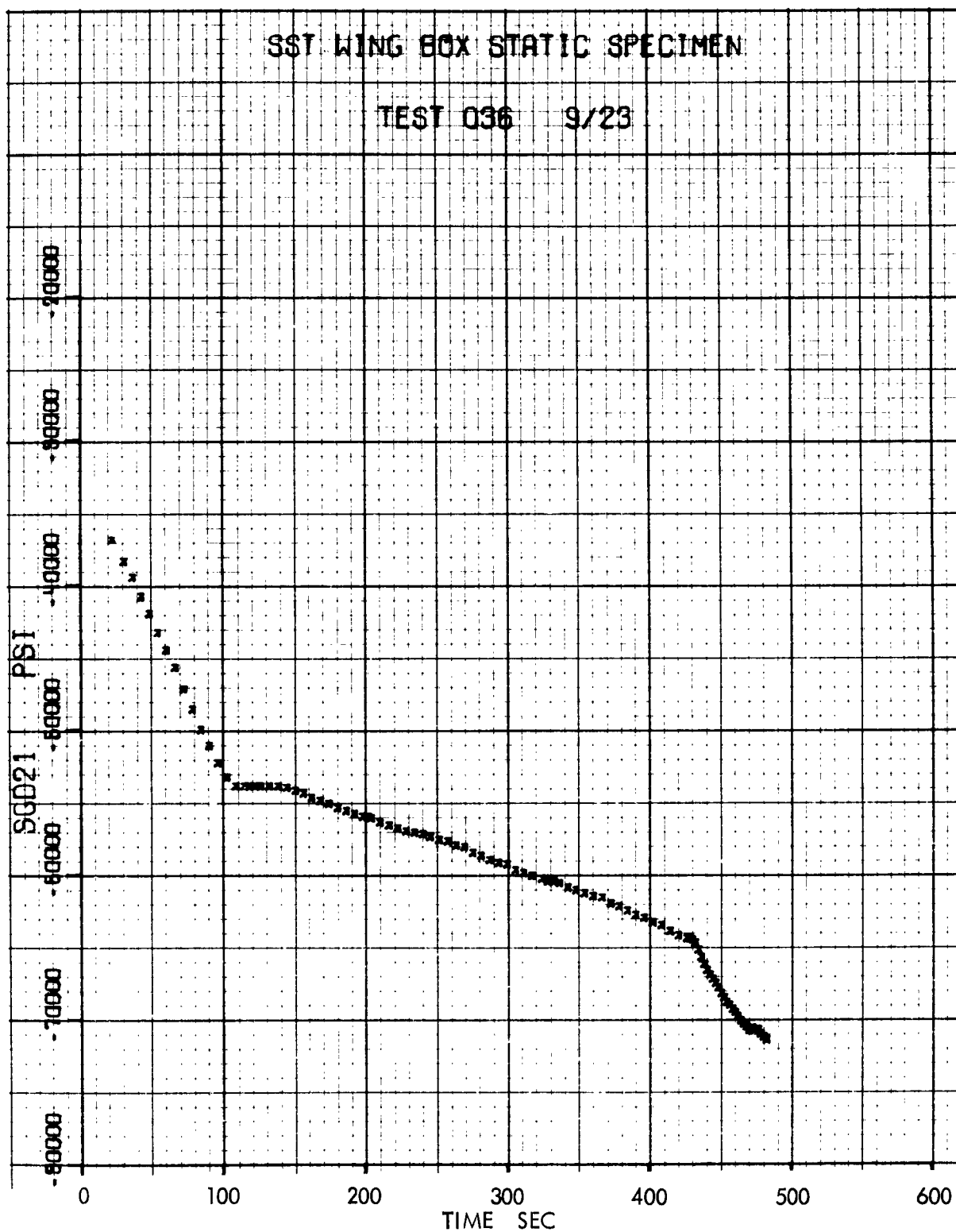




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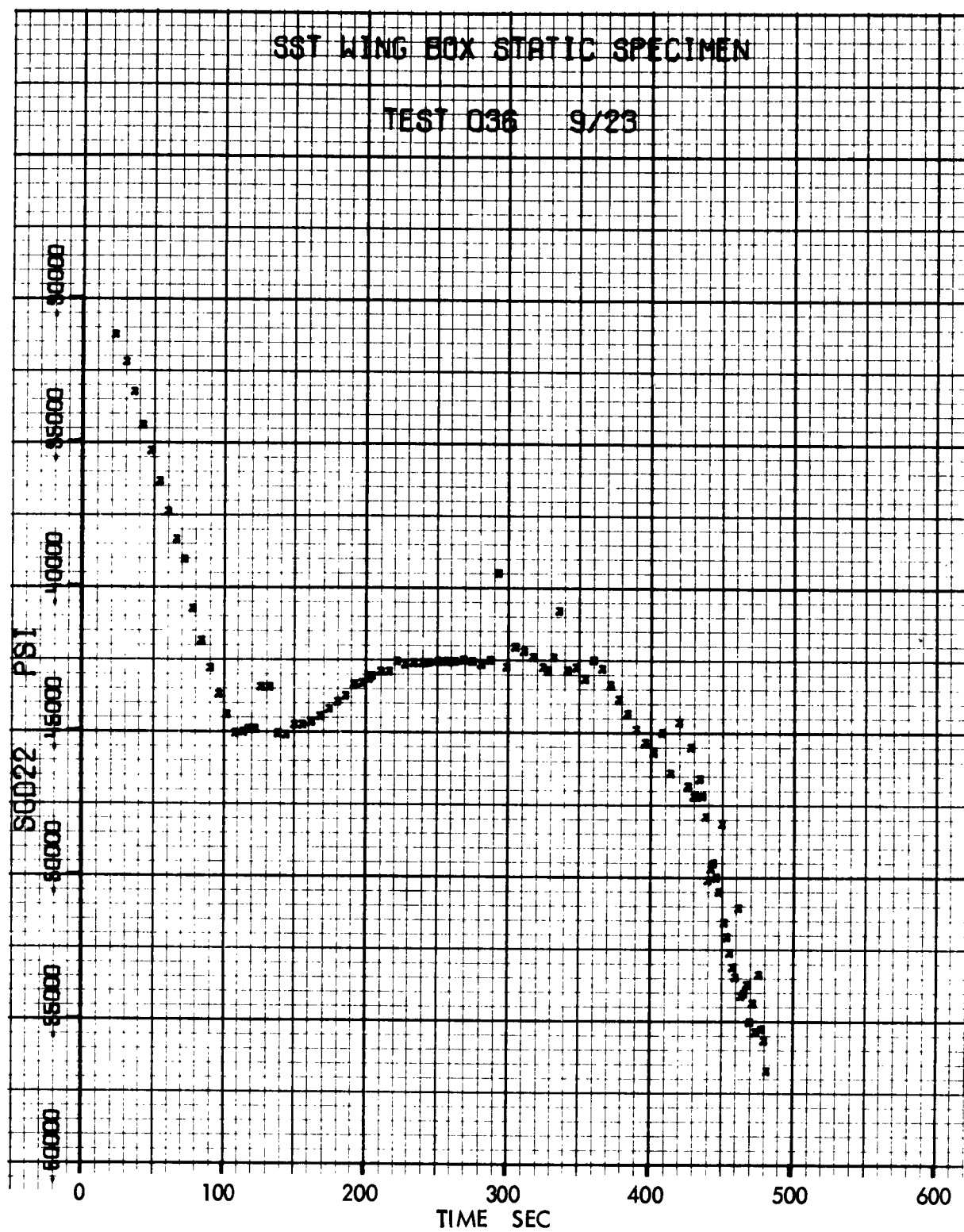
TEST 036 9/23

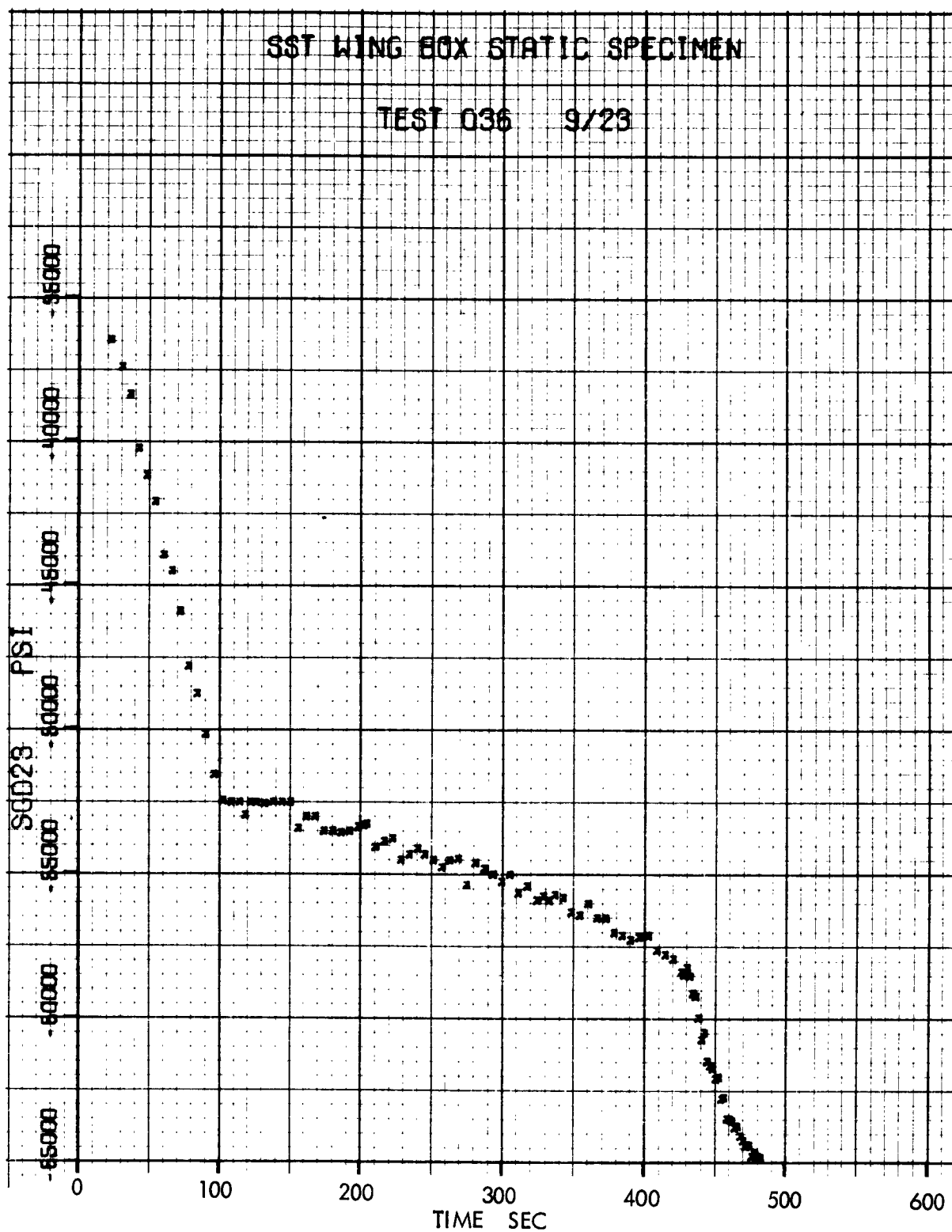




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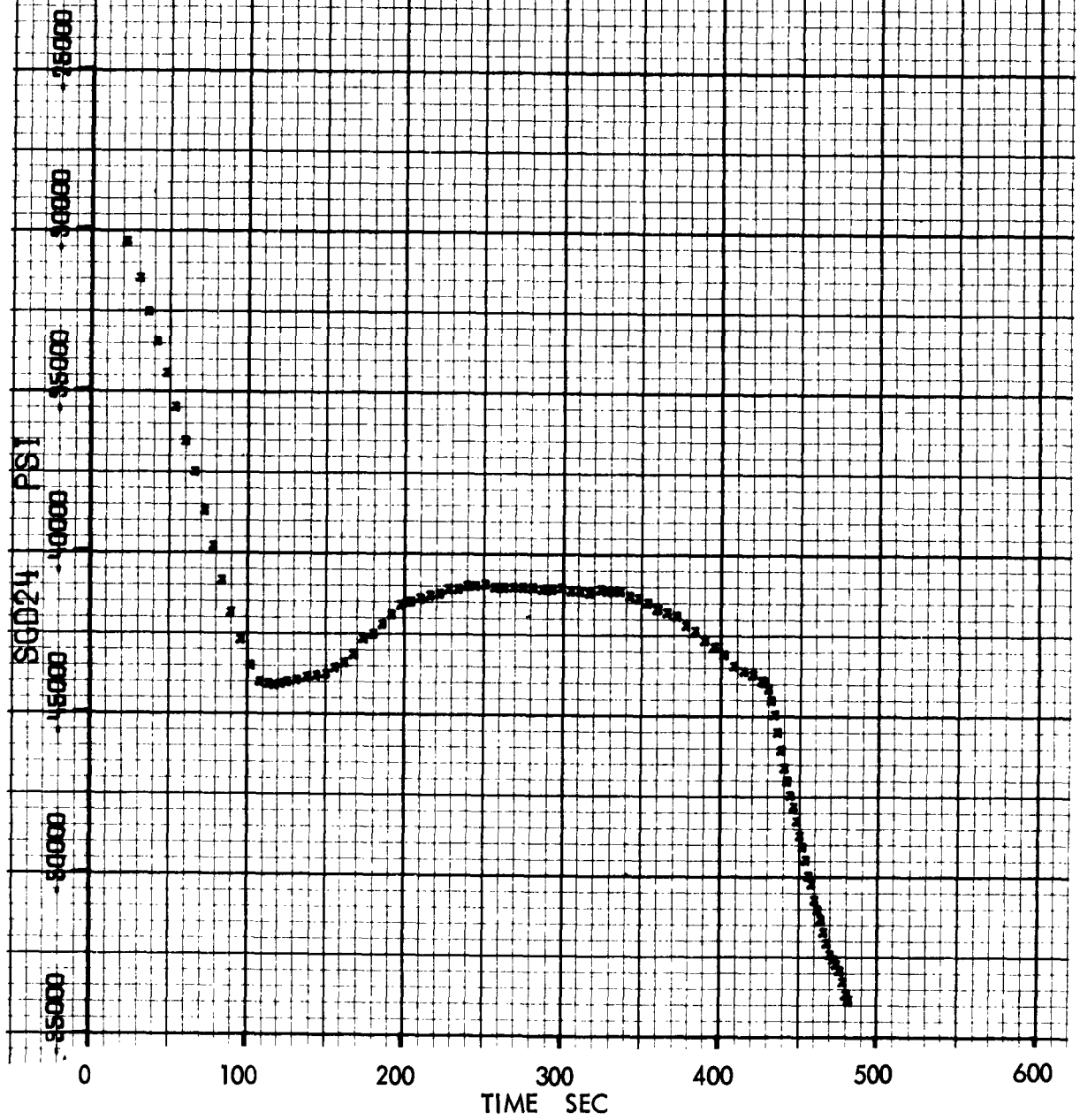
TEST 036 9/23





# SST WING BOX STATIC SPECIMEN

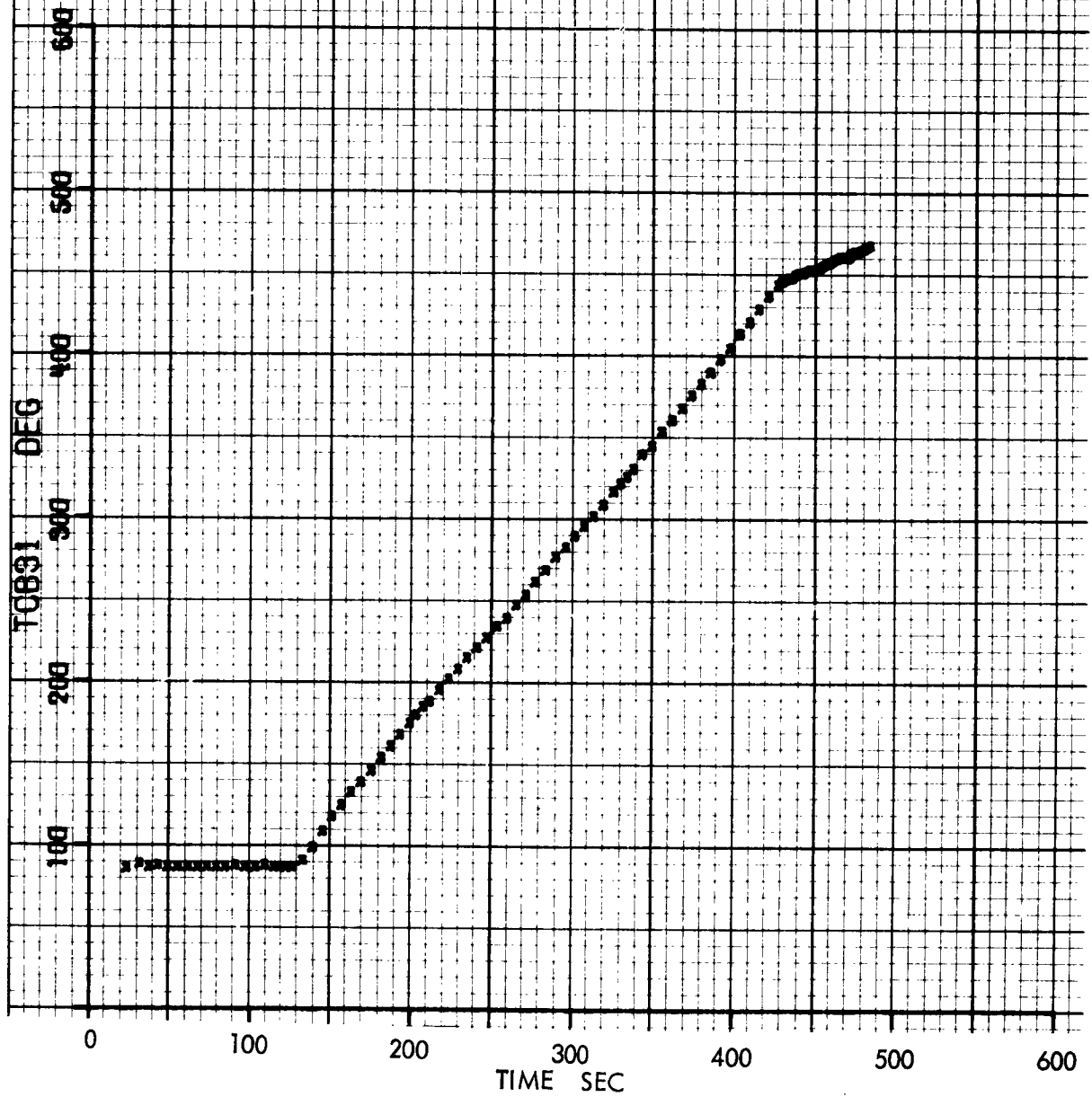
TEST 036 9/23





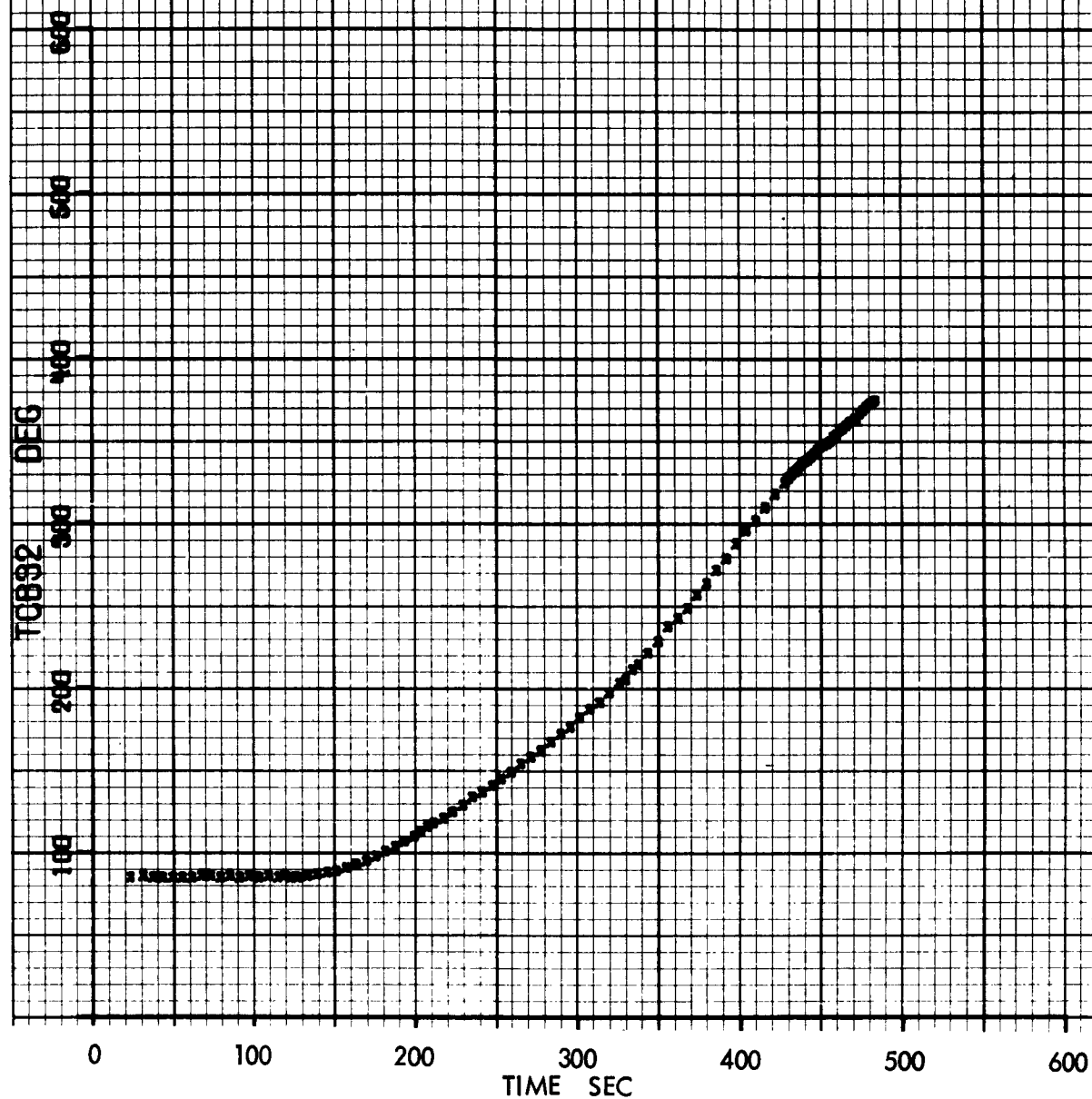
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TEST 036 9/23



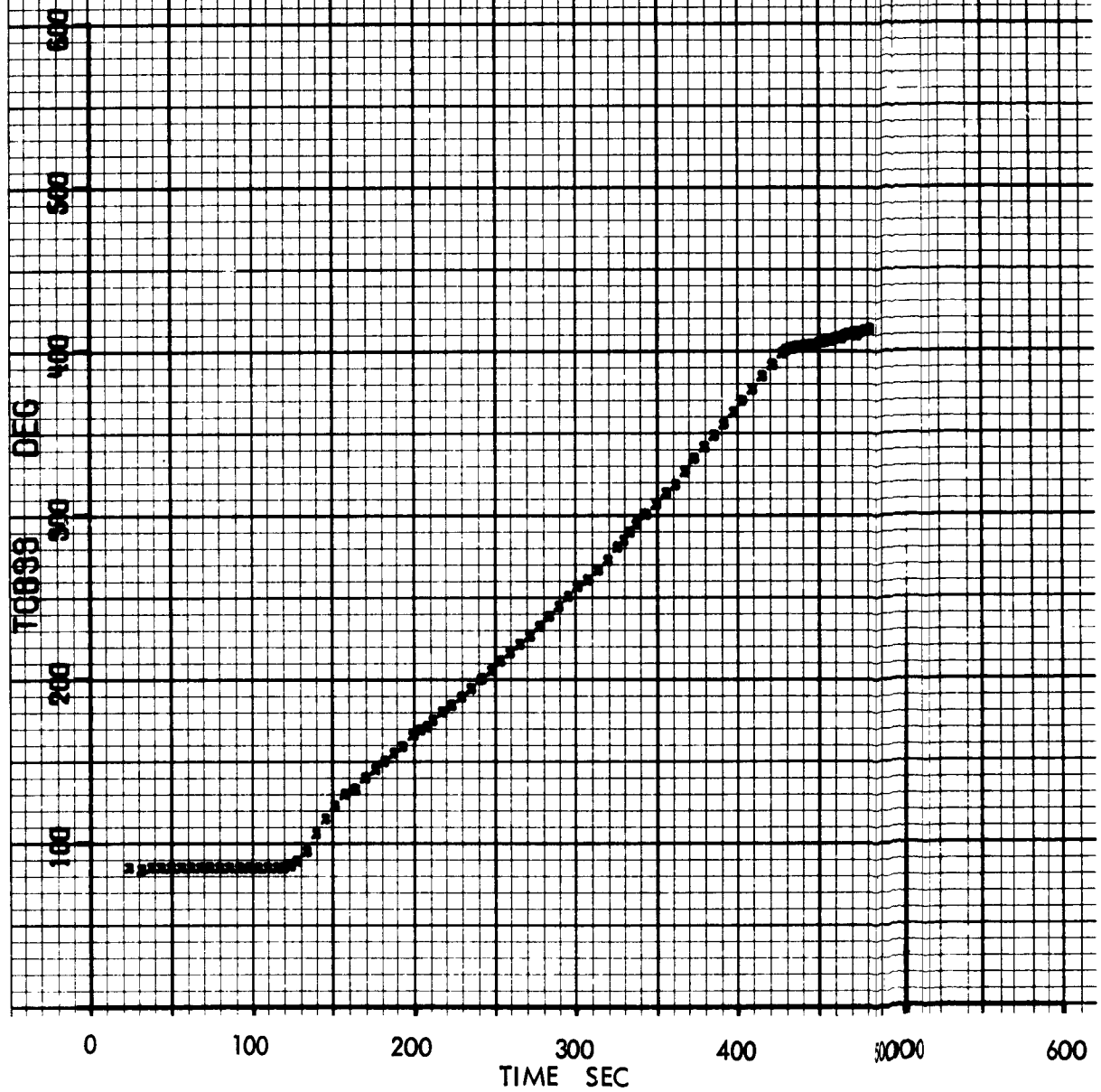
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TEST 036 9/23



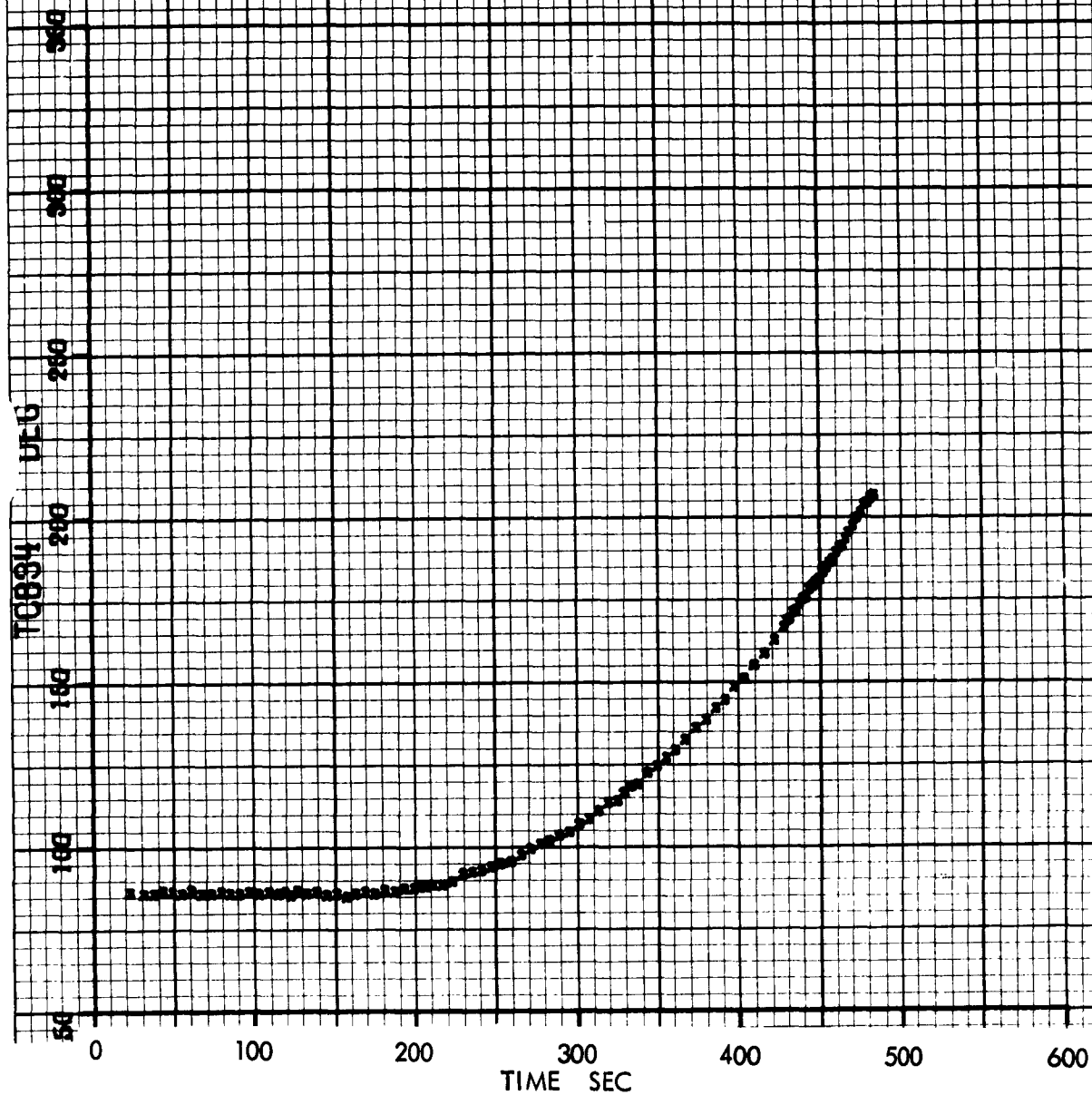
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TEST 036 9/23



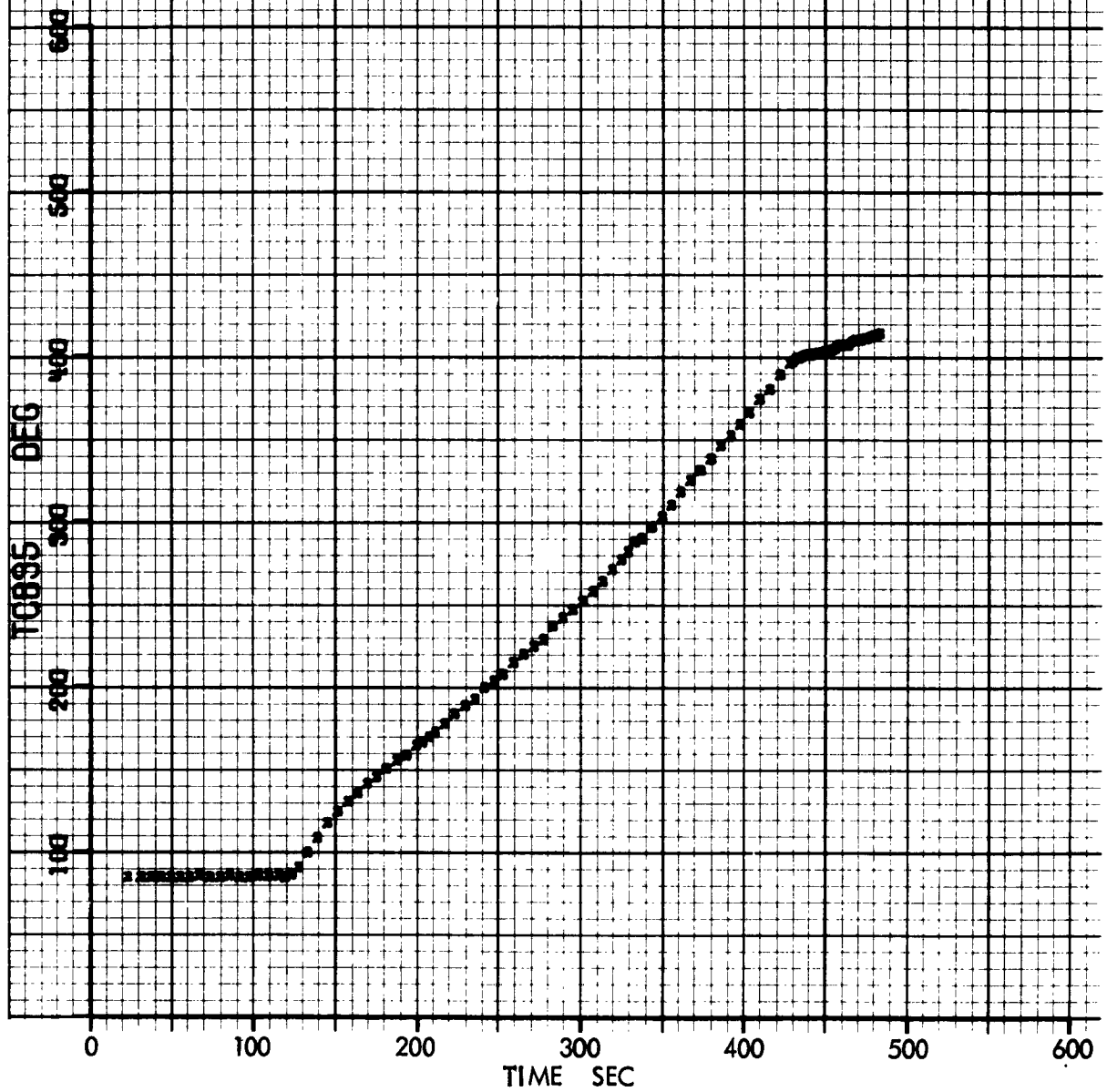
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TEST 036 9/23



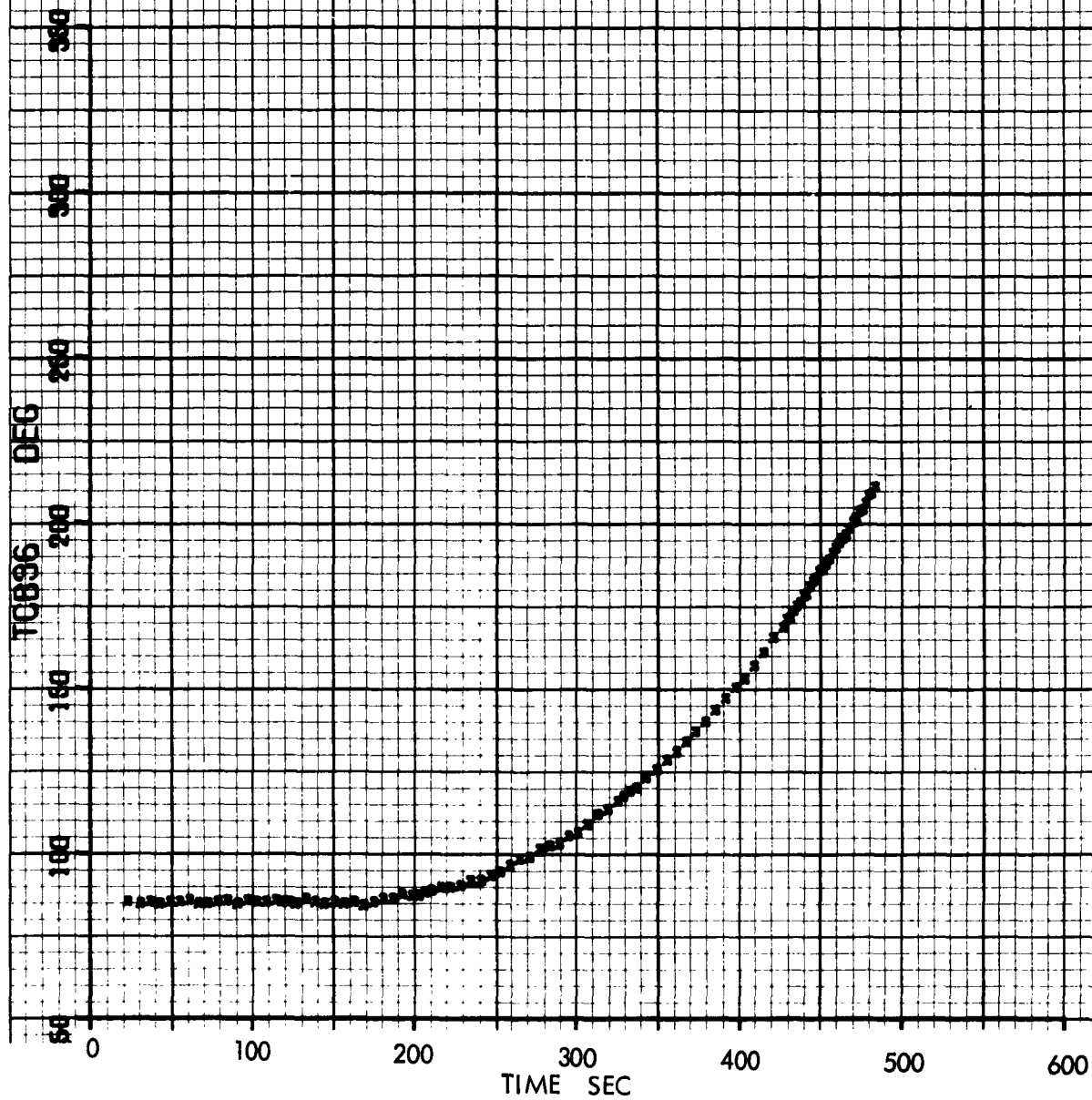
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



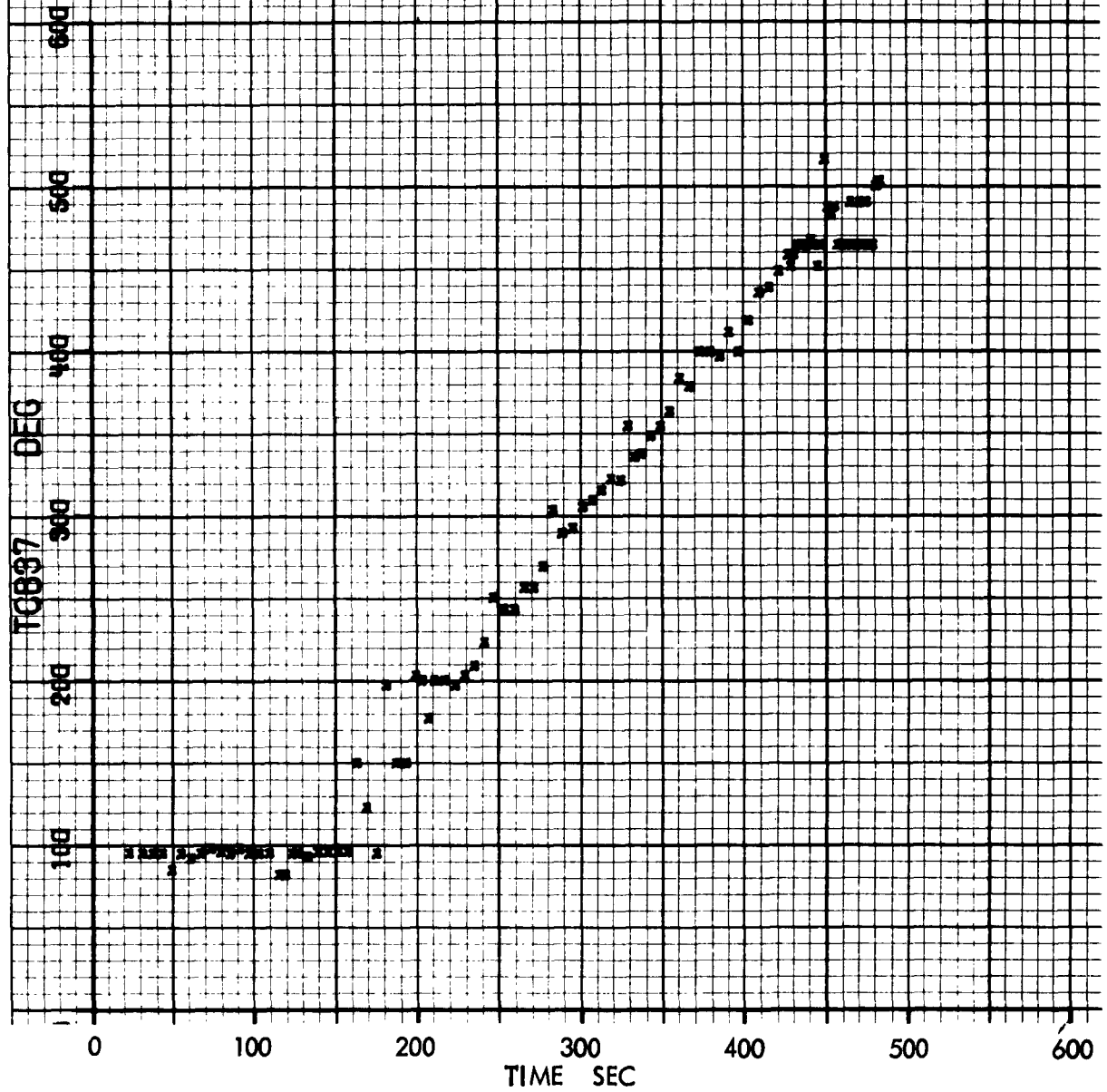
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TEST 036 9/23



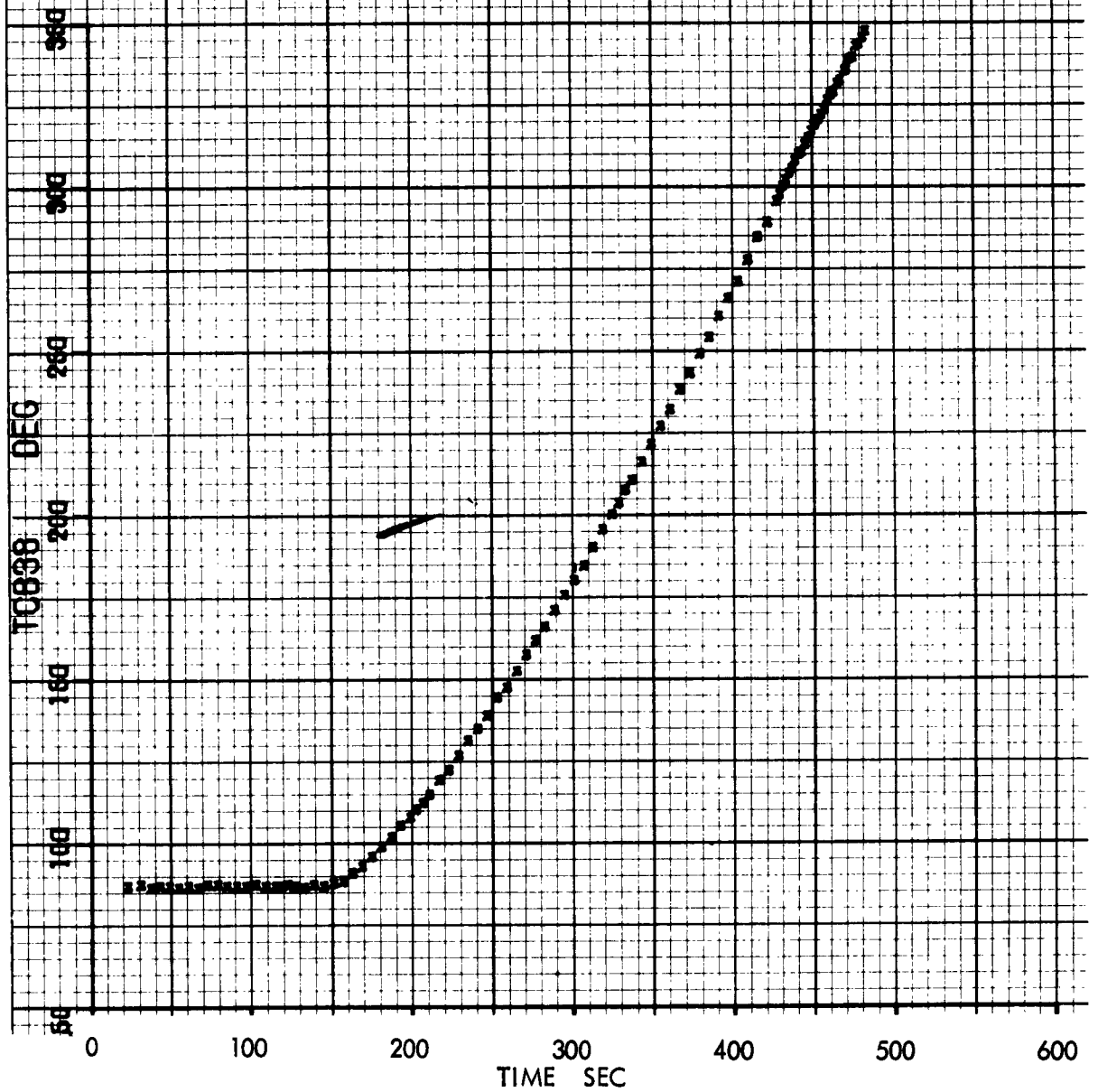
# SST WING BOX STATIC SPECIMEN

TEST 036 9/23



# SST WING BOX STATIC SPECIMEN

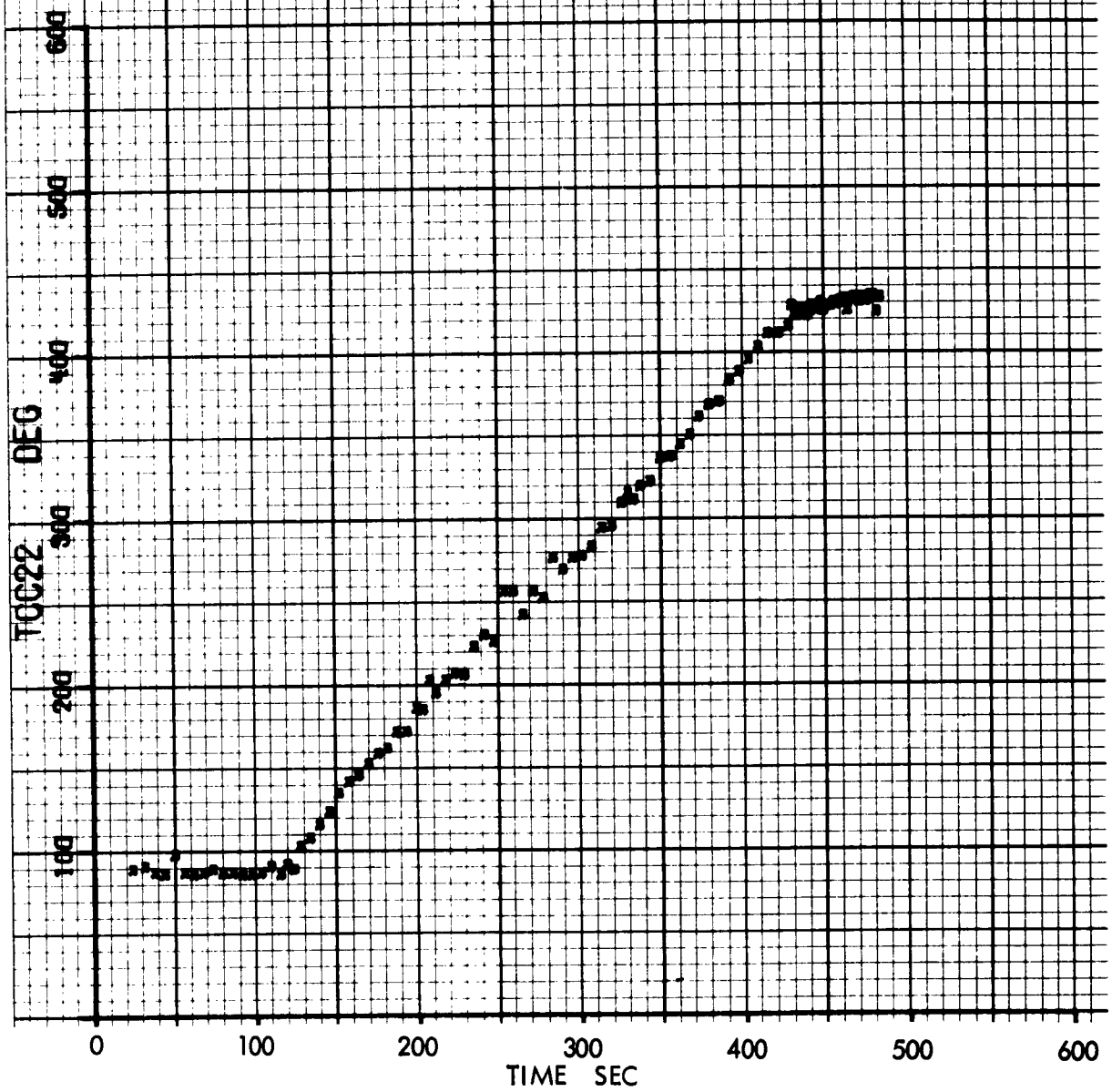
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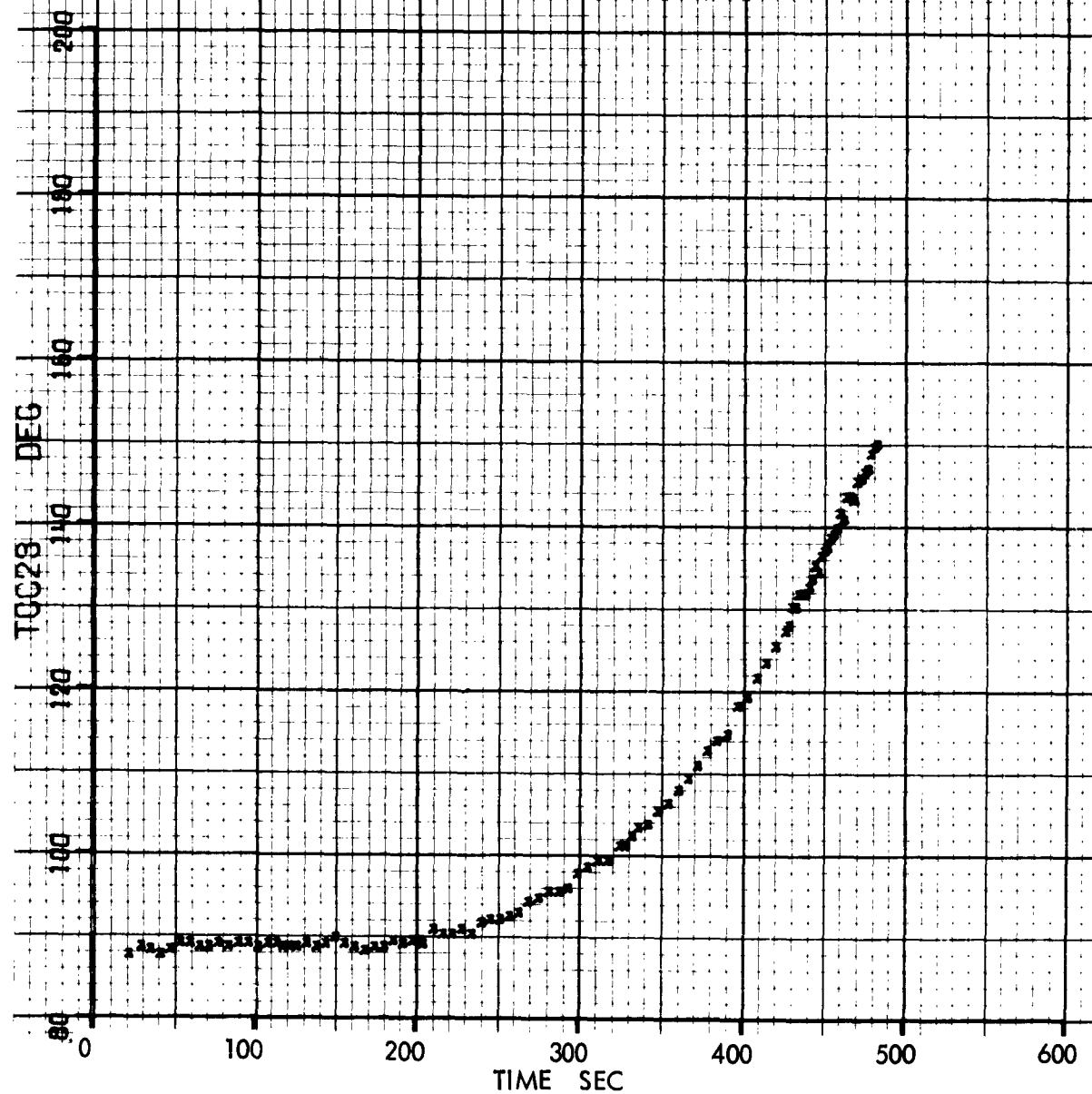
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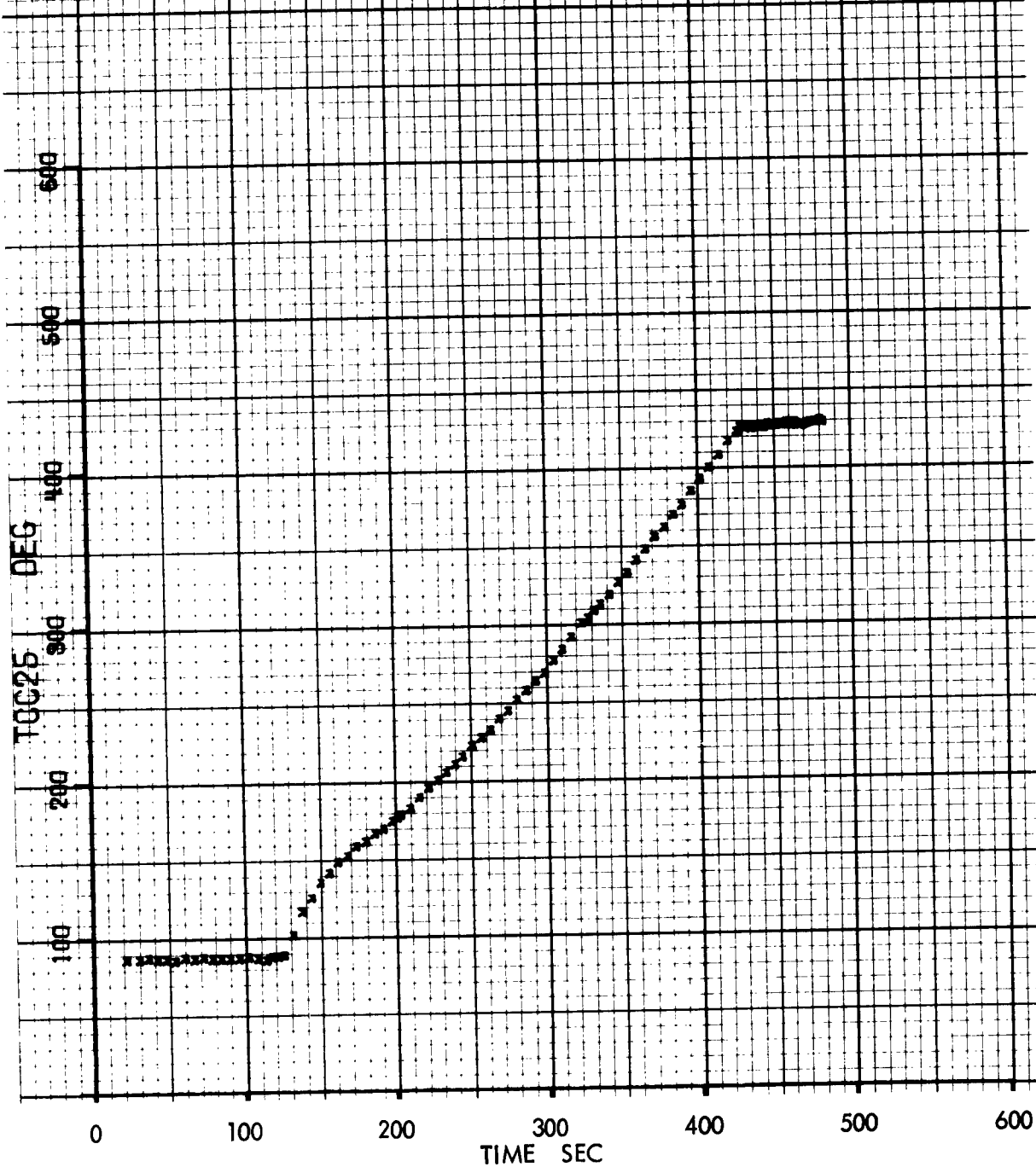
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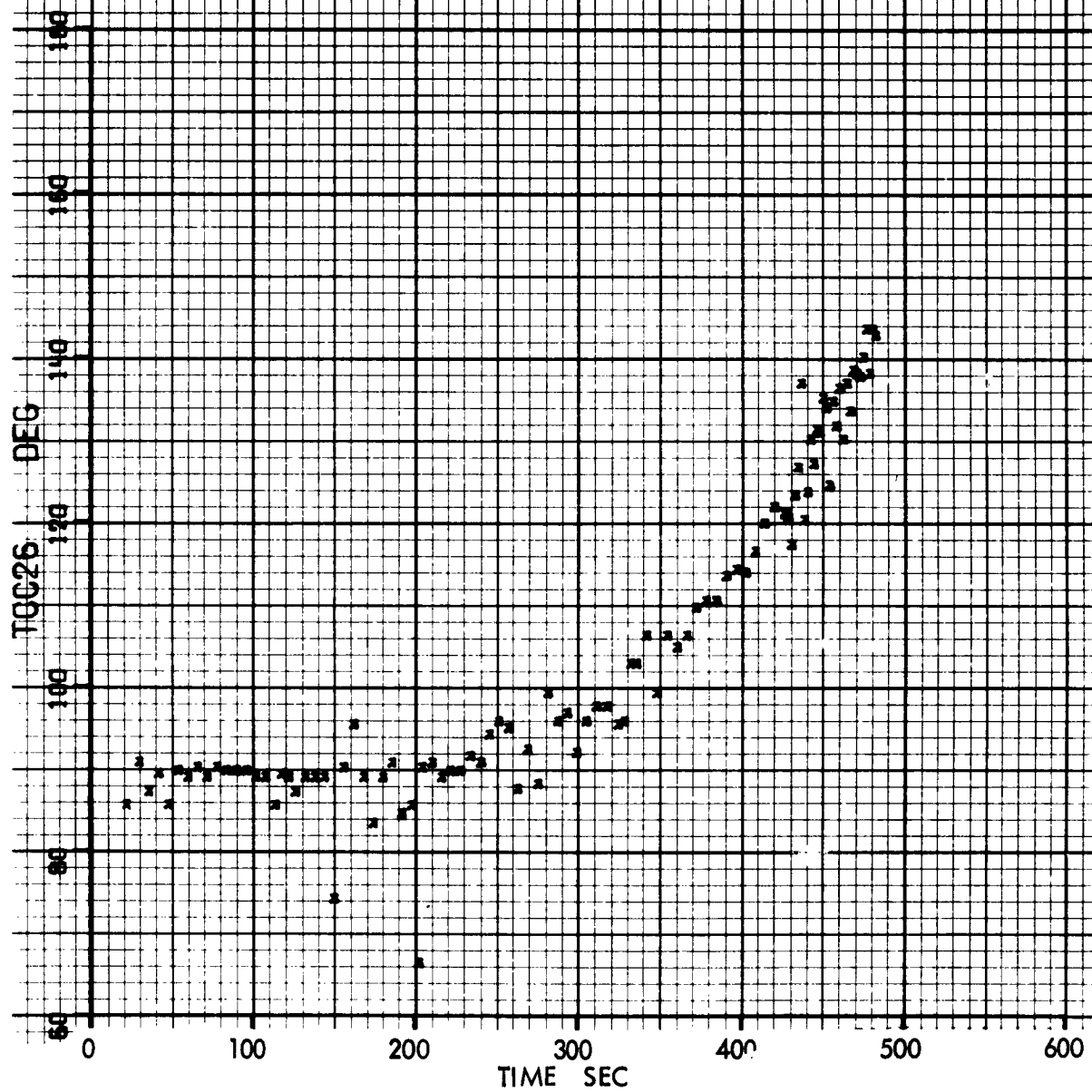
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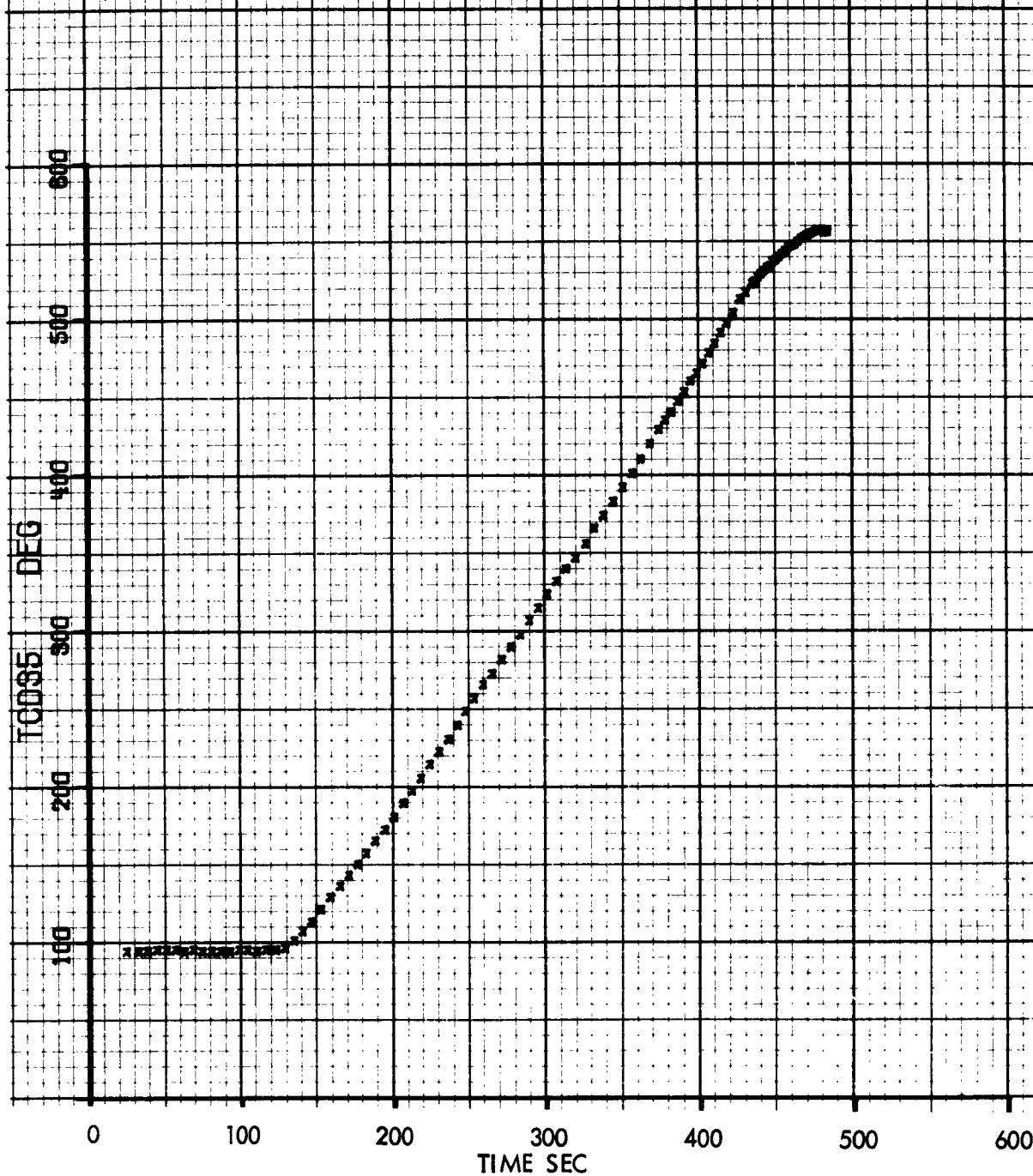
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TEST 036 9/23



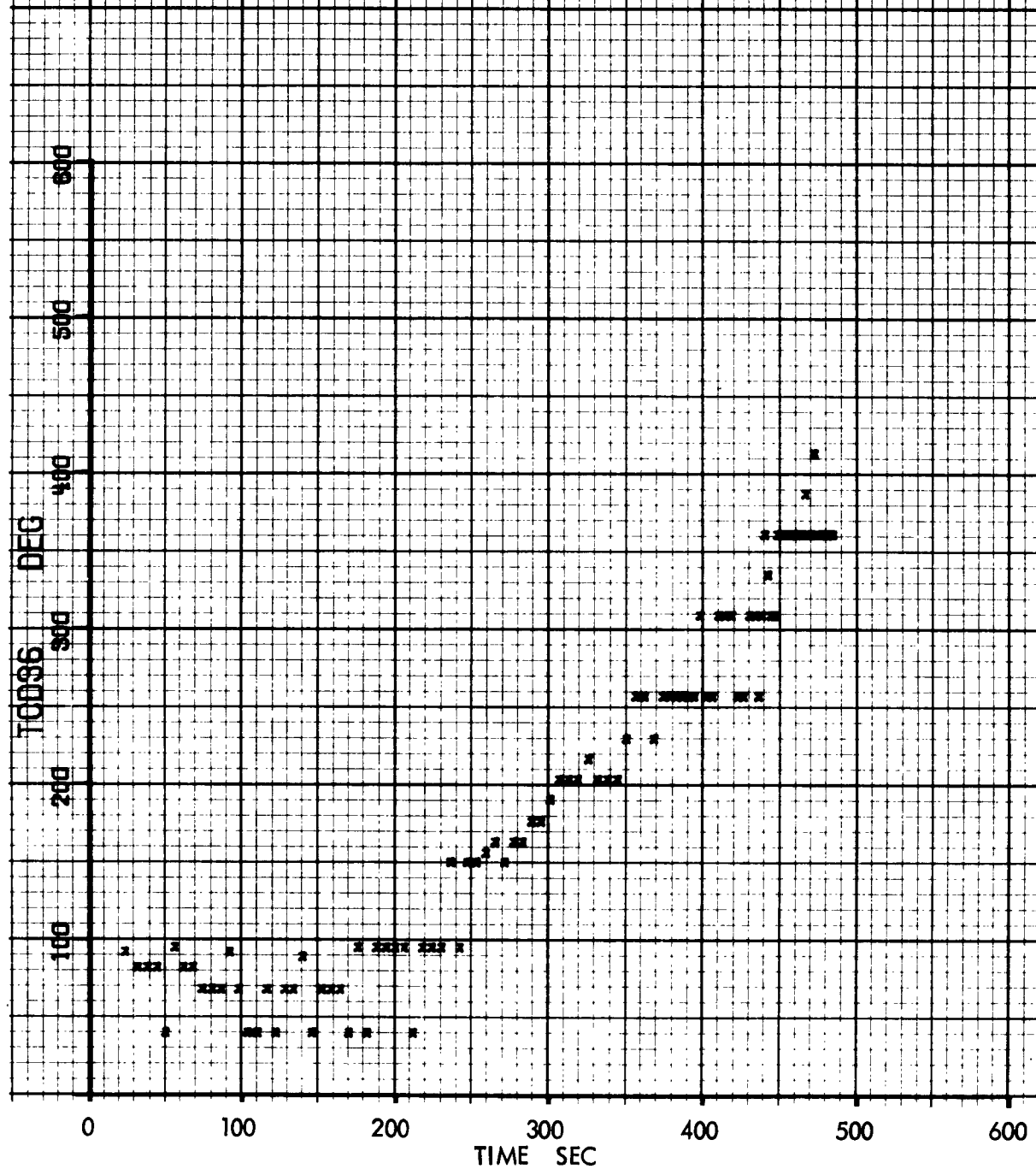
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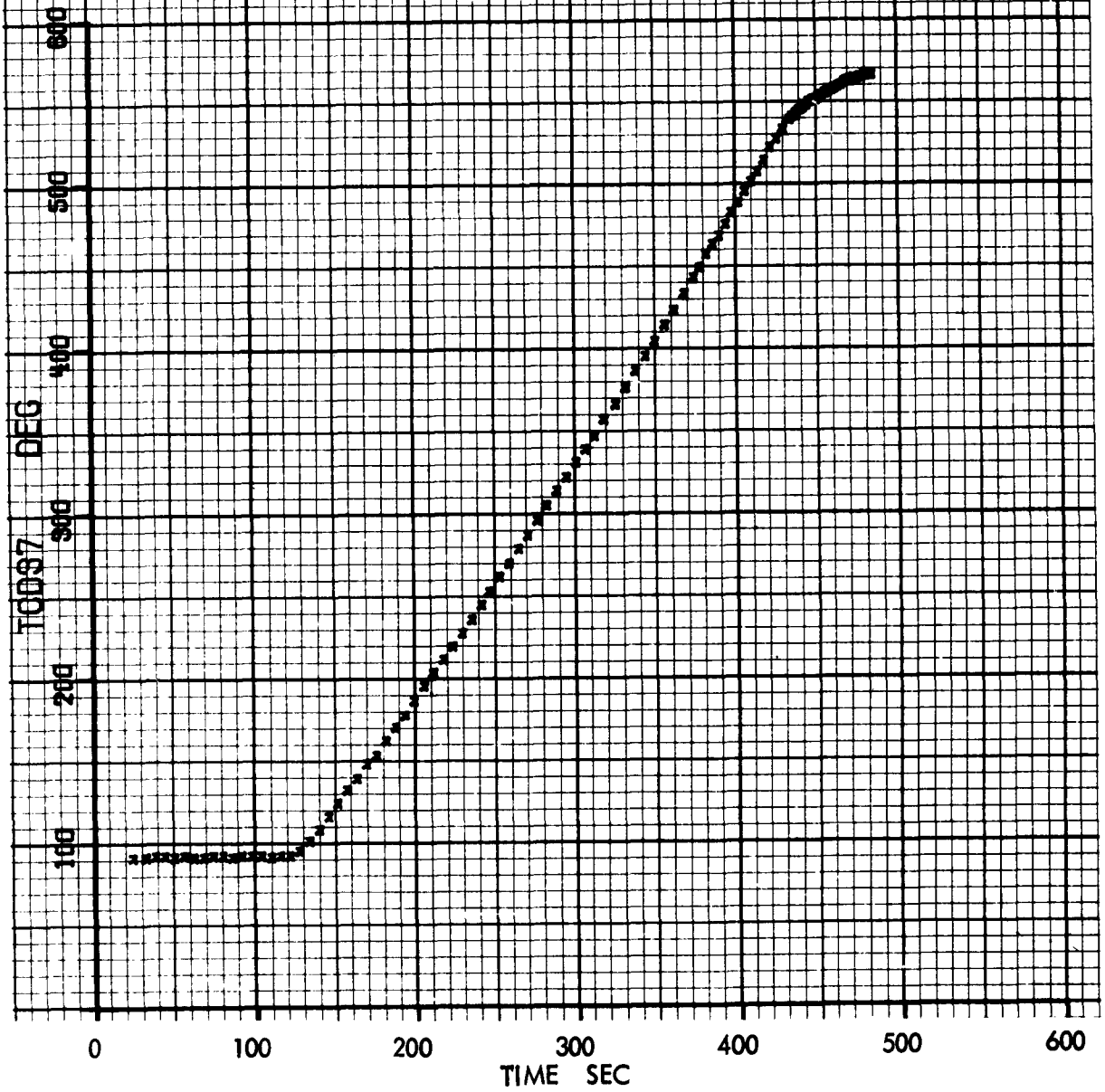
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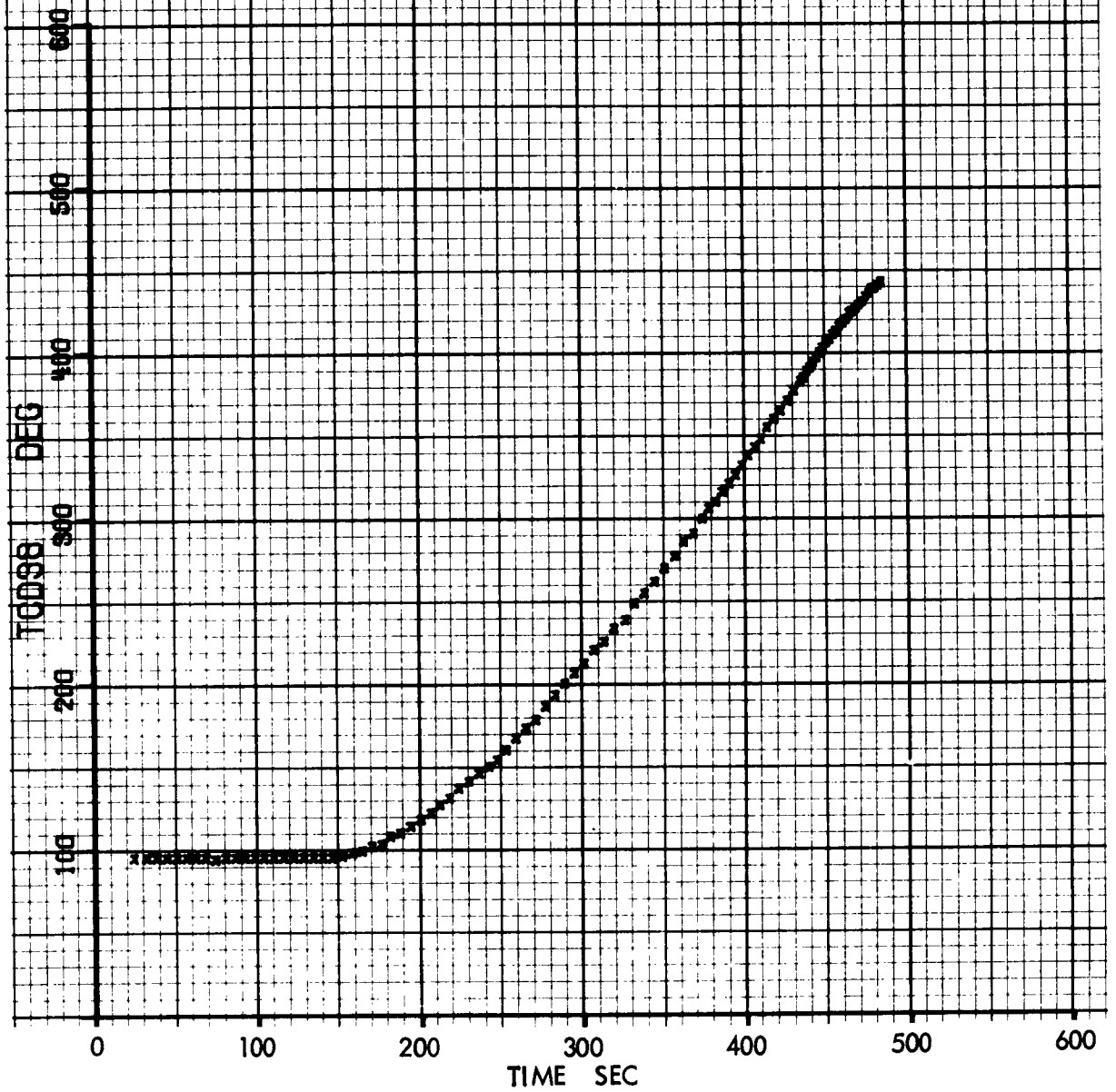
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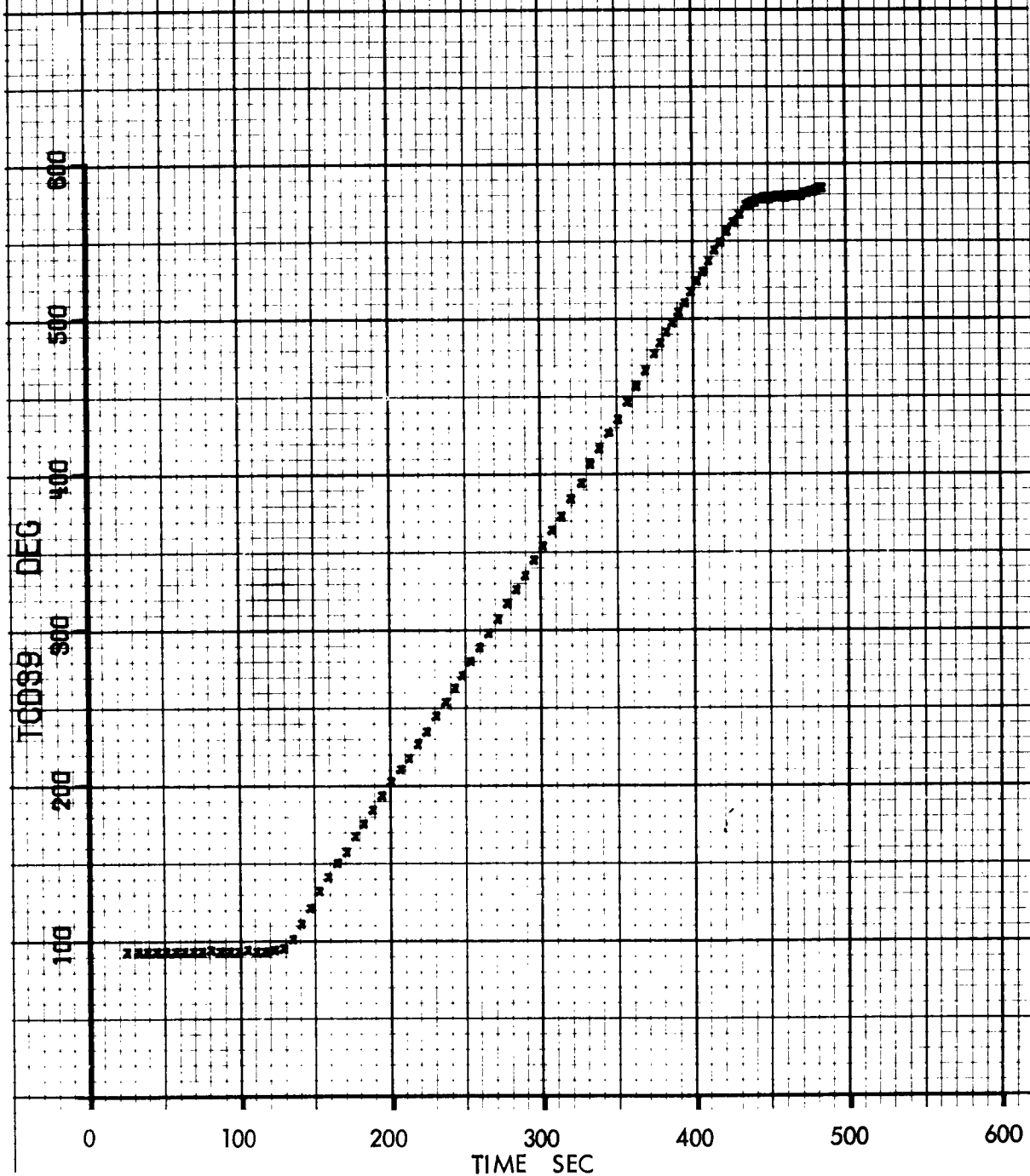
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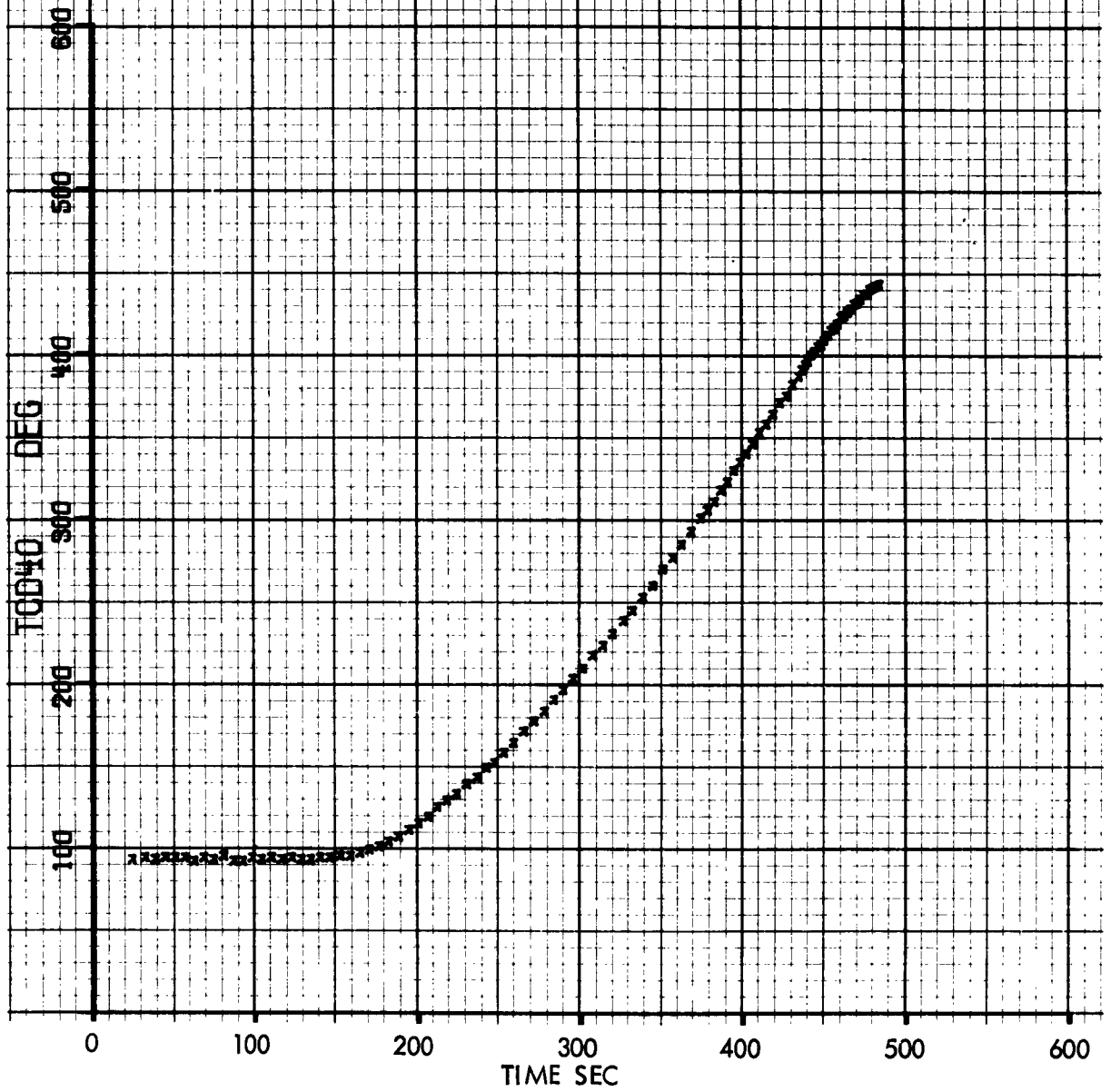
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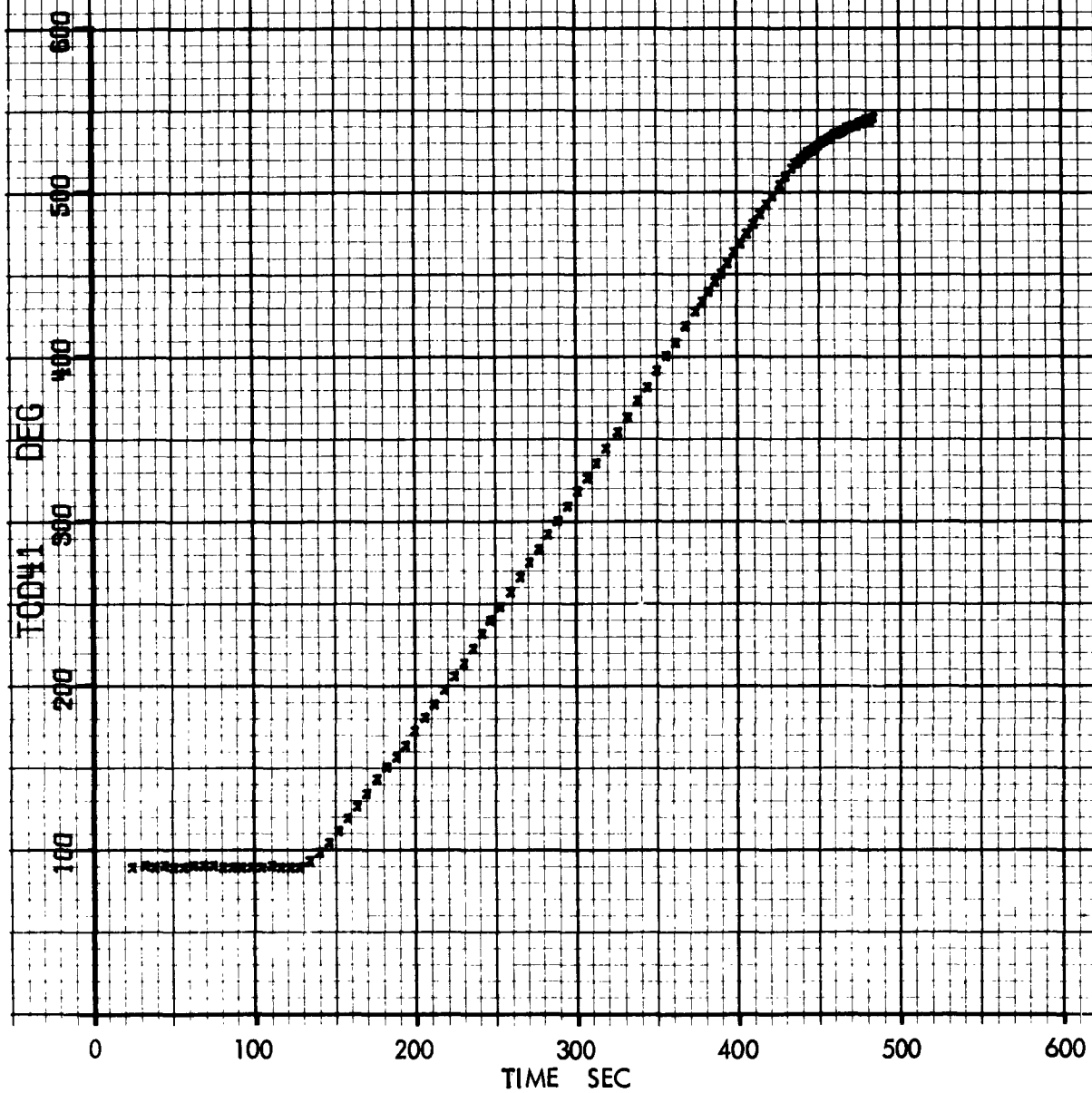
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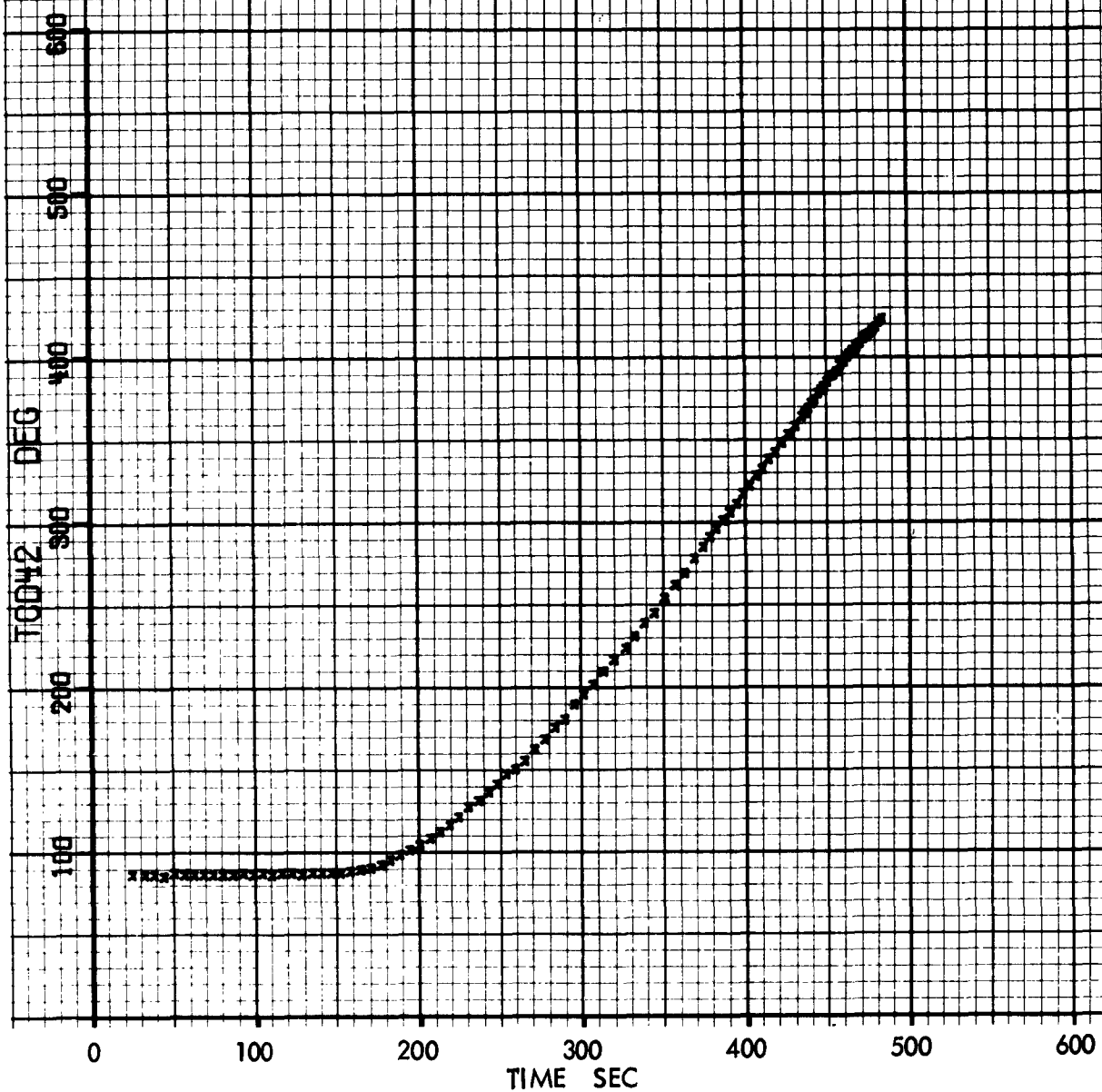
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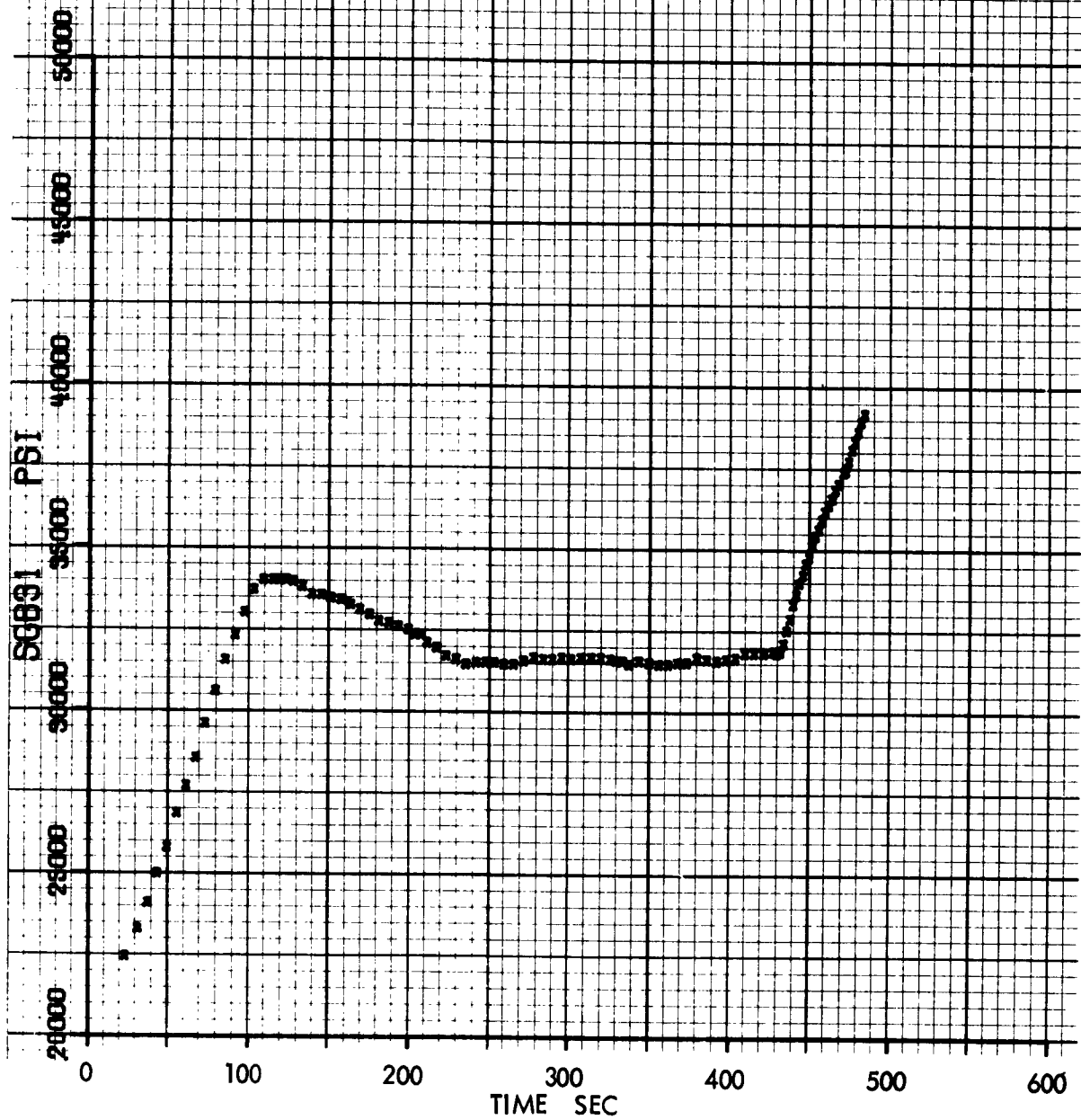
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TEST 036 9/23



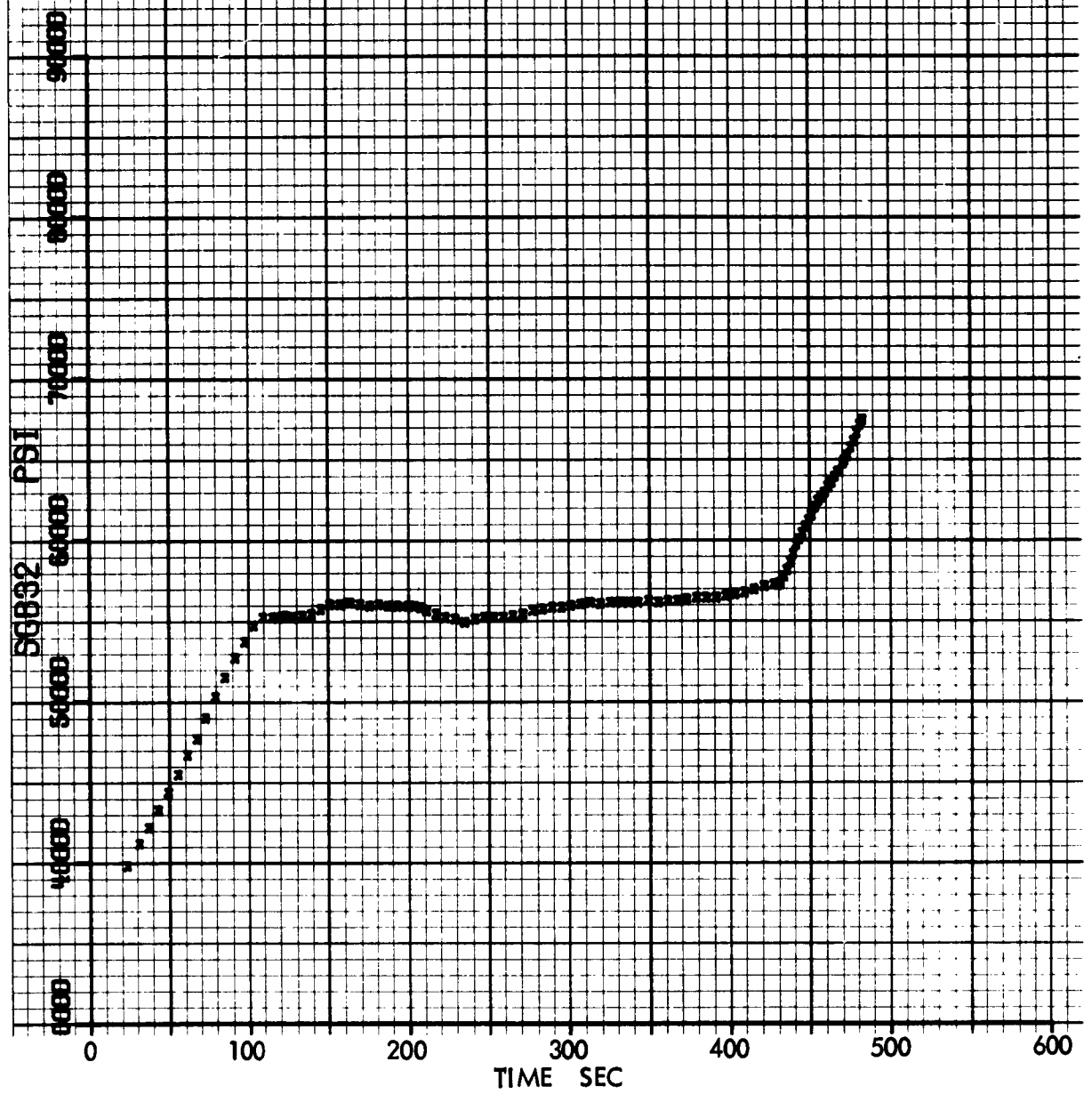
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TEST 036 9/23



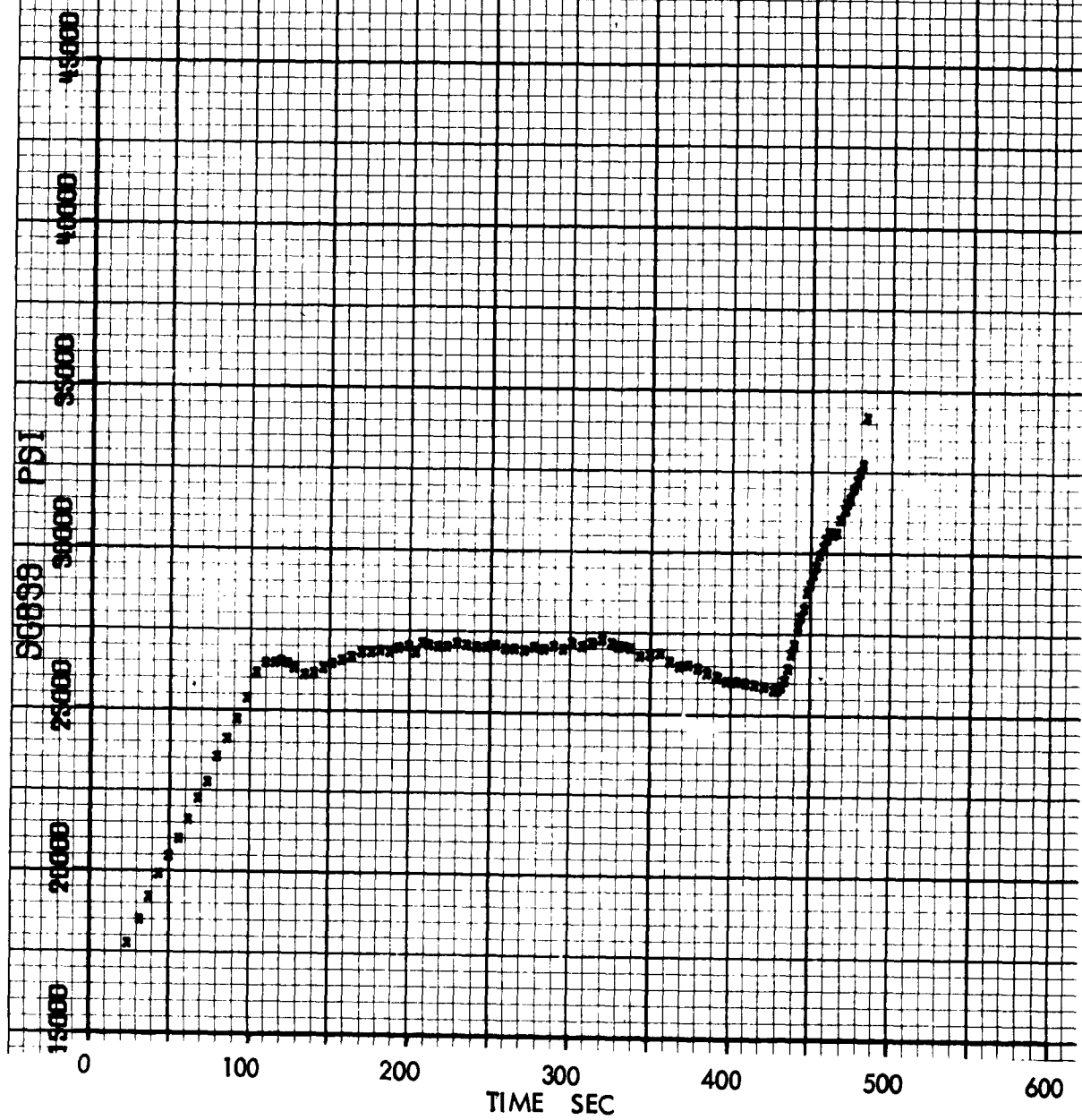
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TEST 036 9/23



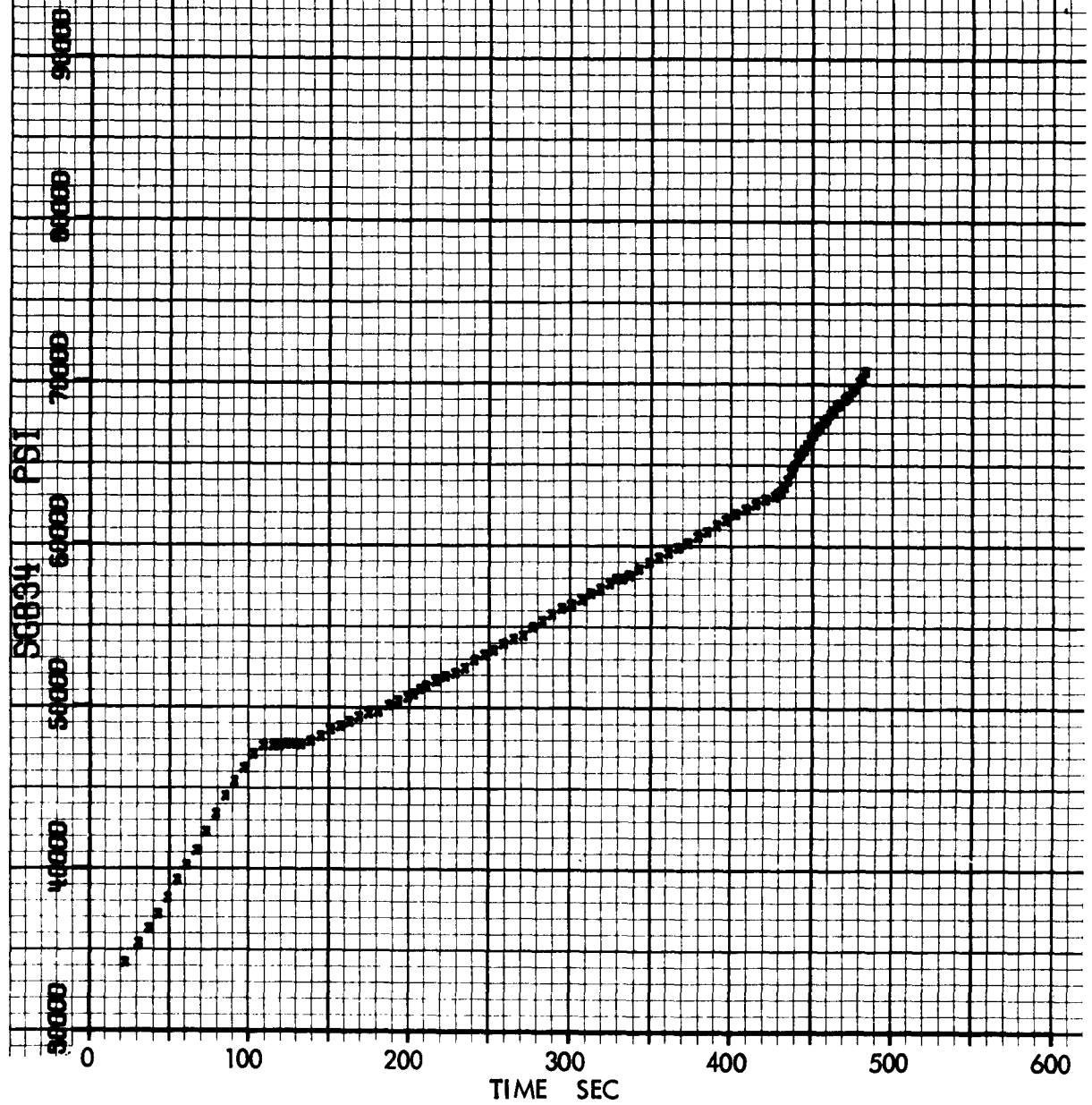
# SST WING BOX STATIC SPECIMEN

TEST 036 9/29



# SST WING BOX STATIC SPECIMEN

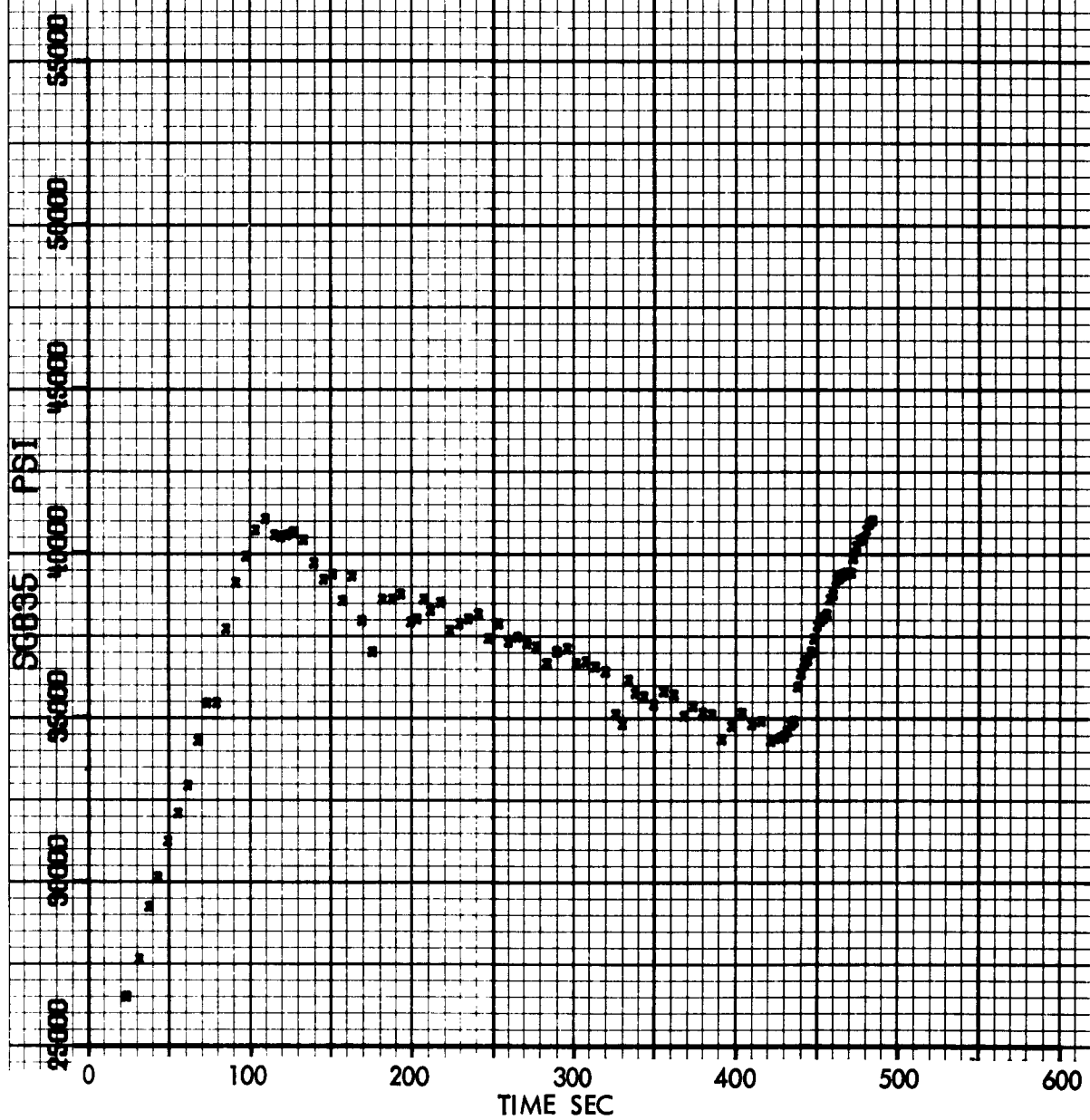
TEST 036 9/29





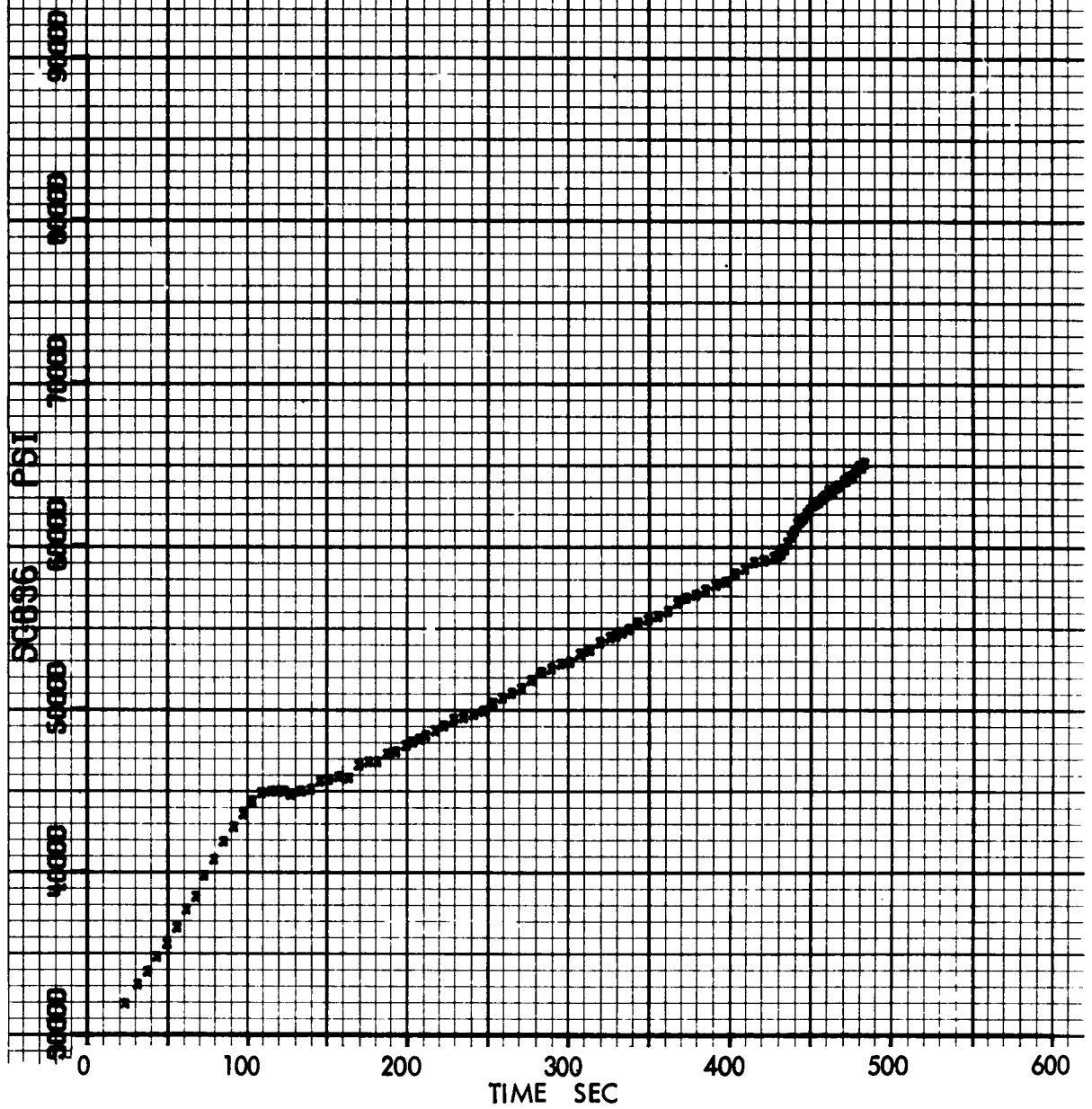
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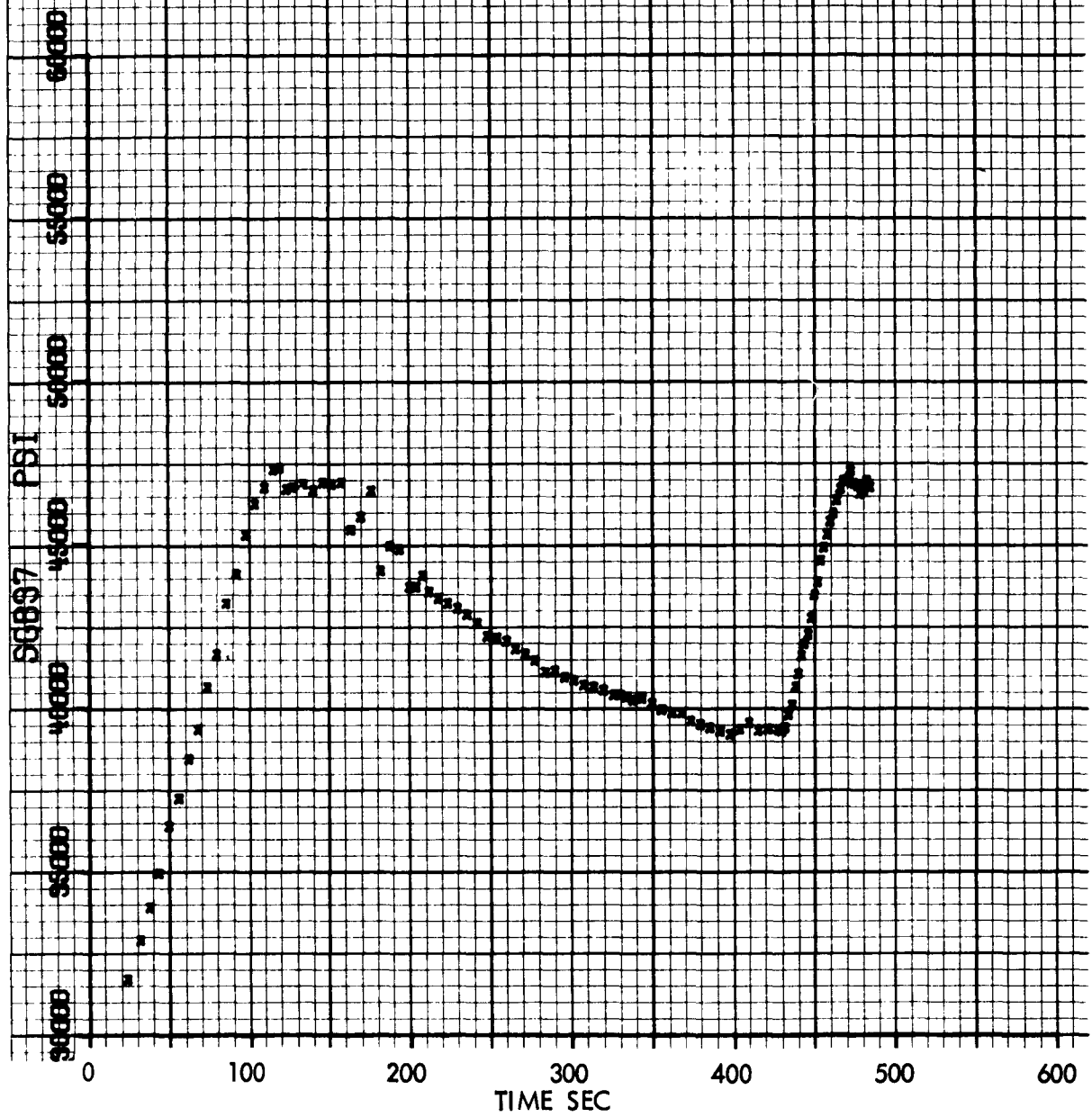
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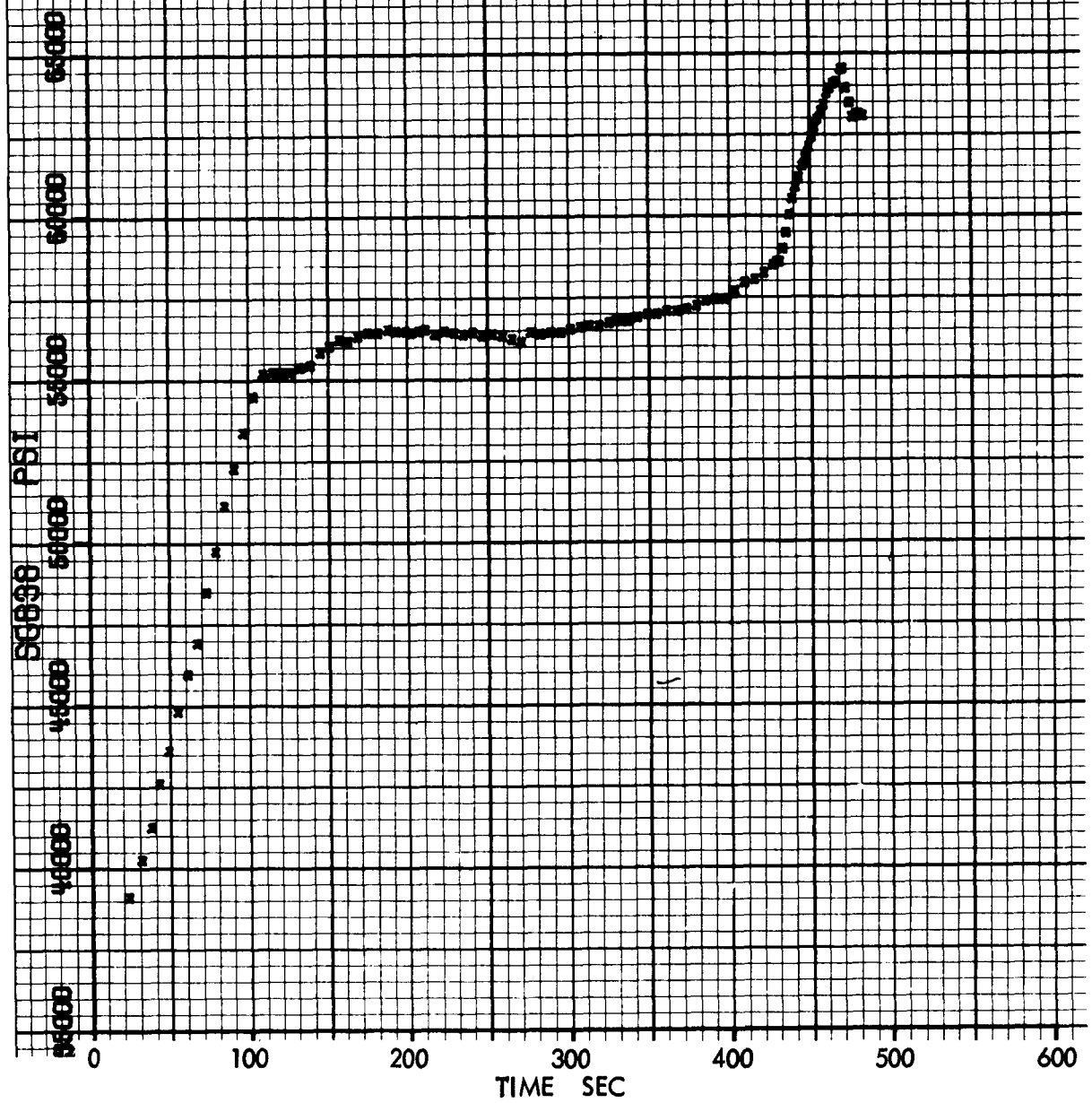
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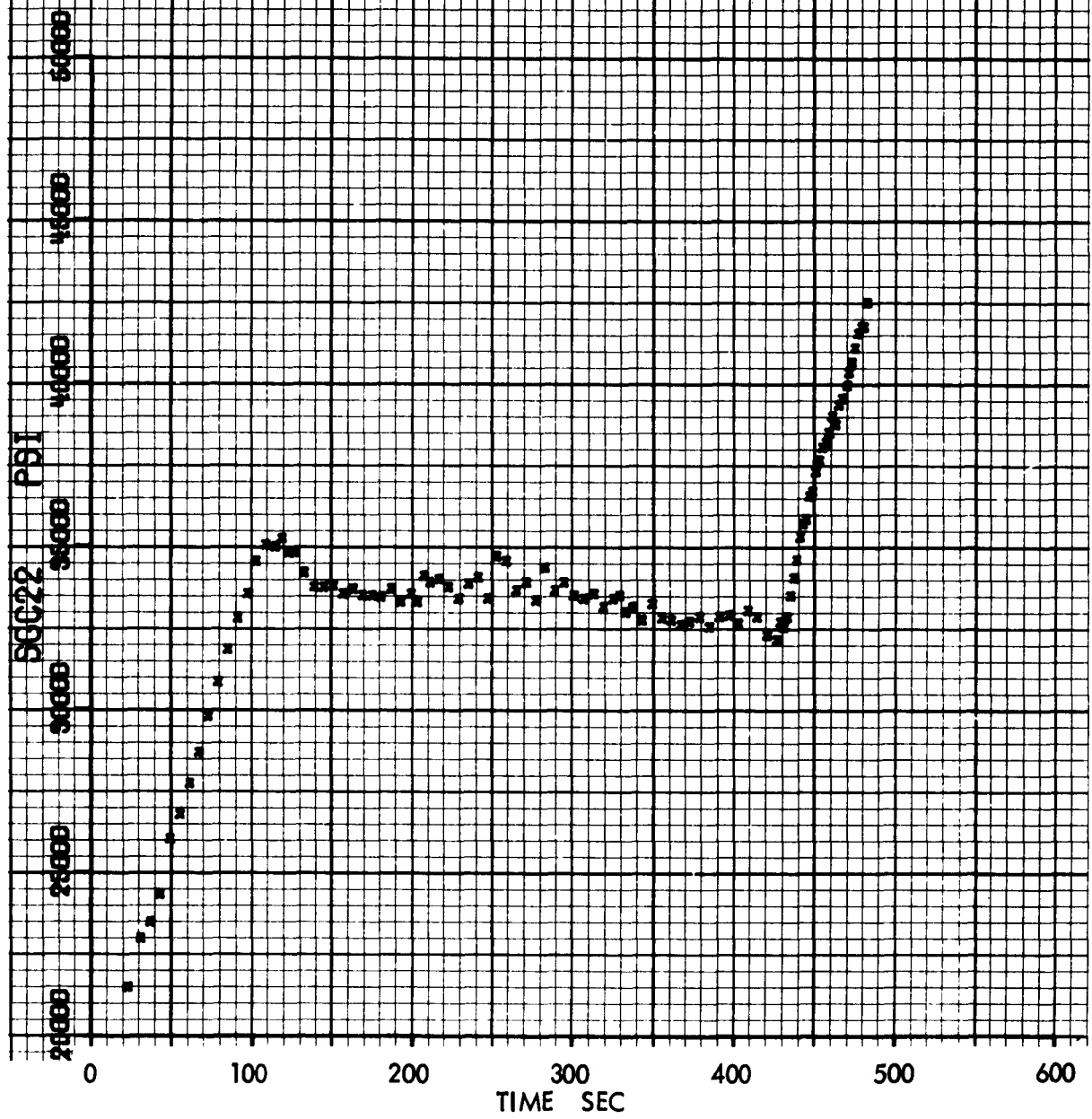
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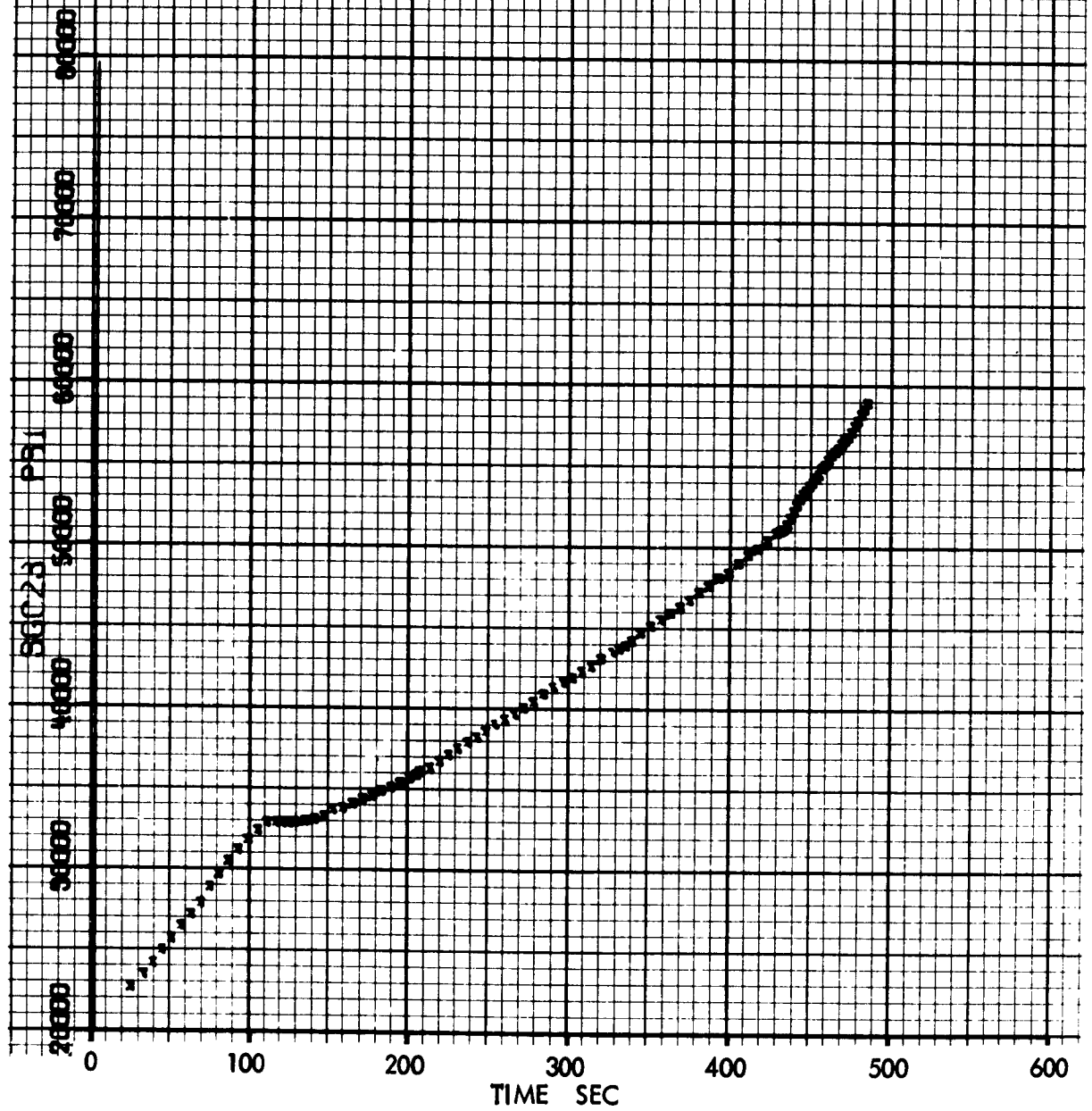
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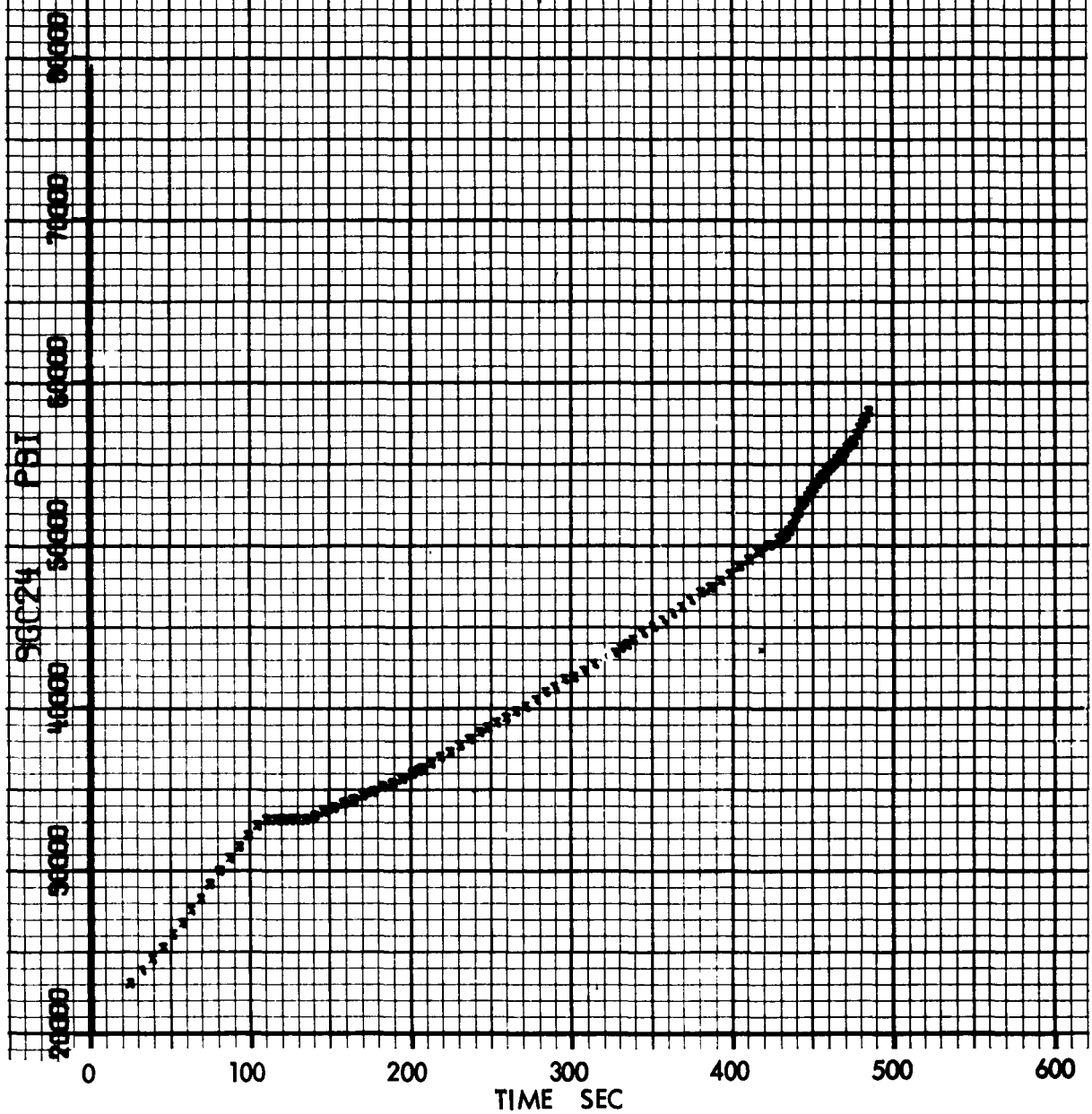
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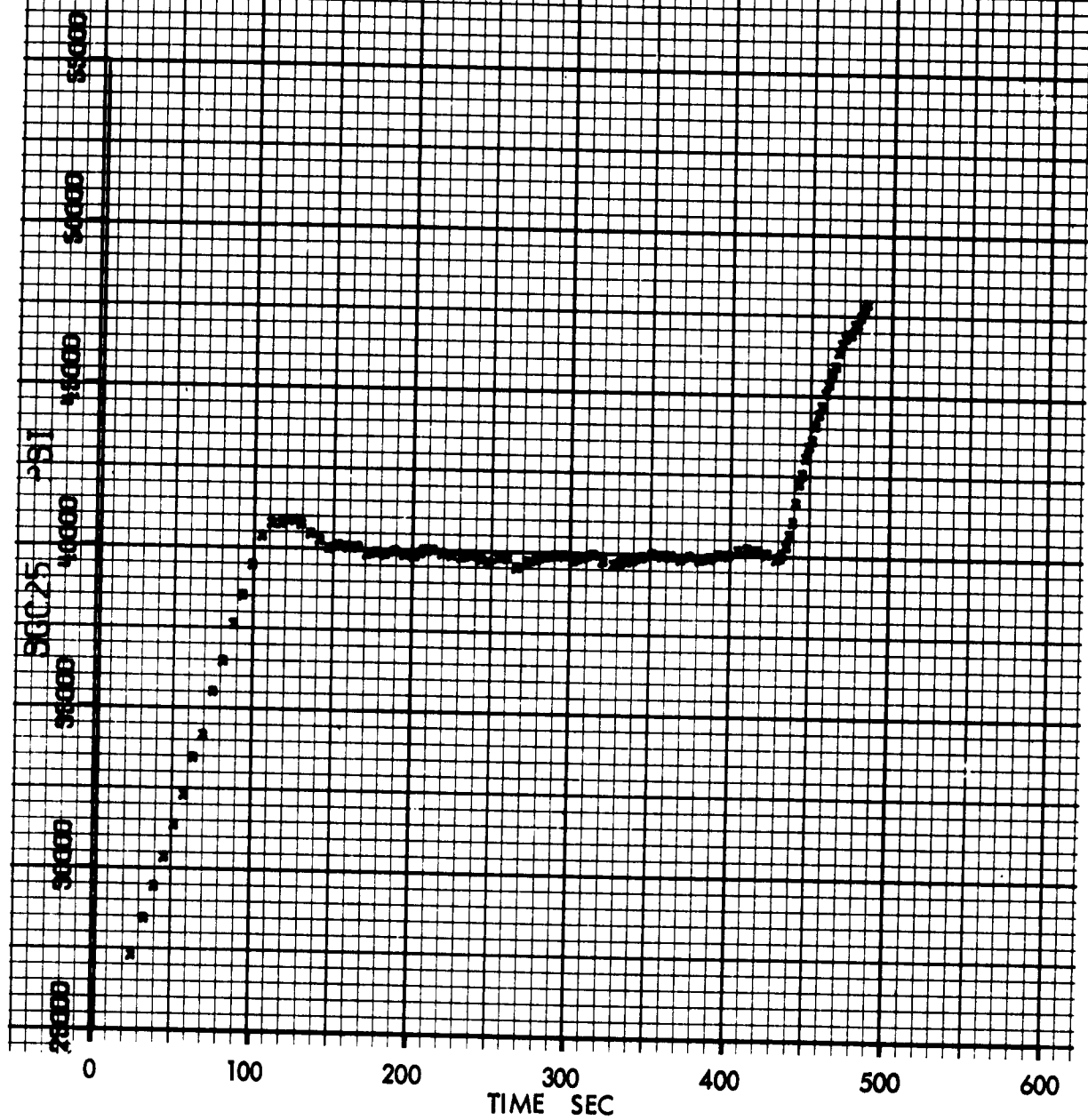
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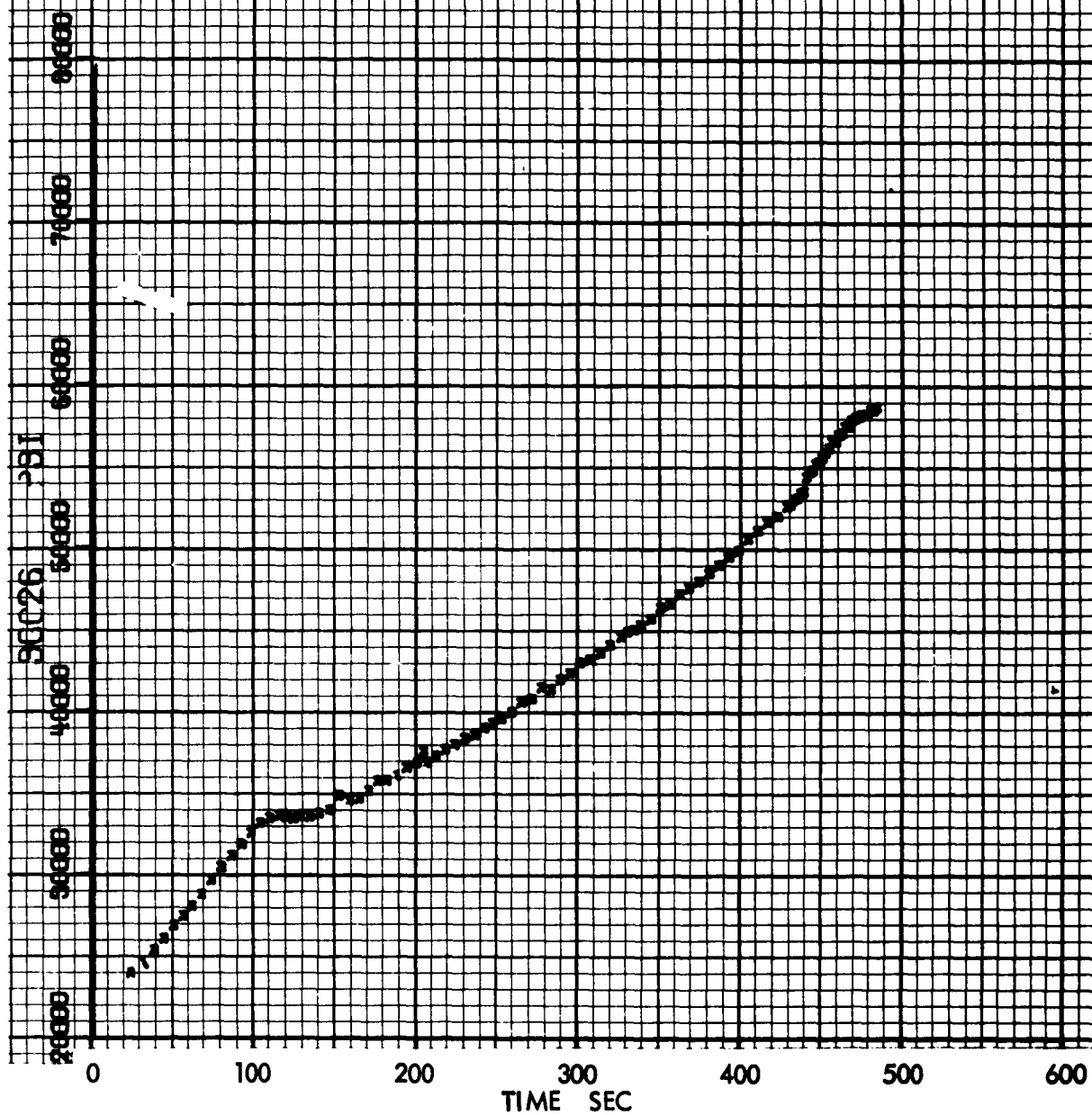
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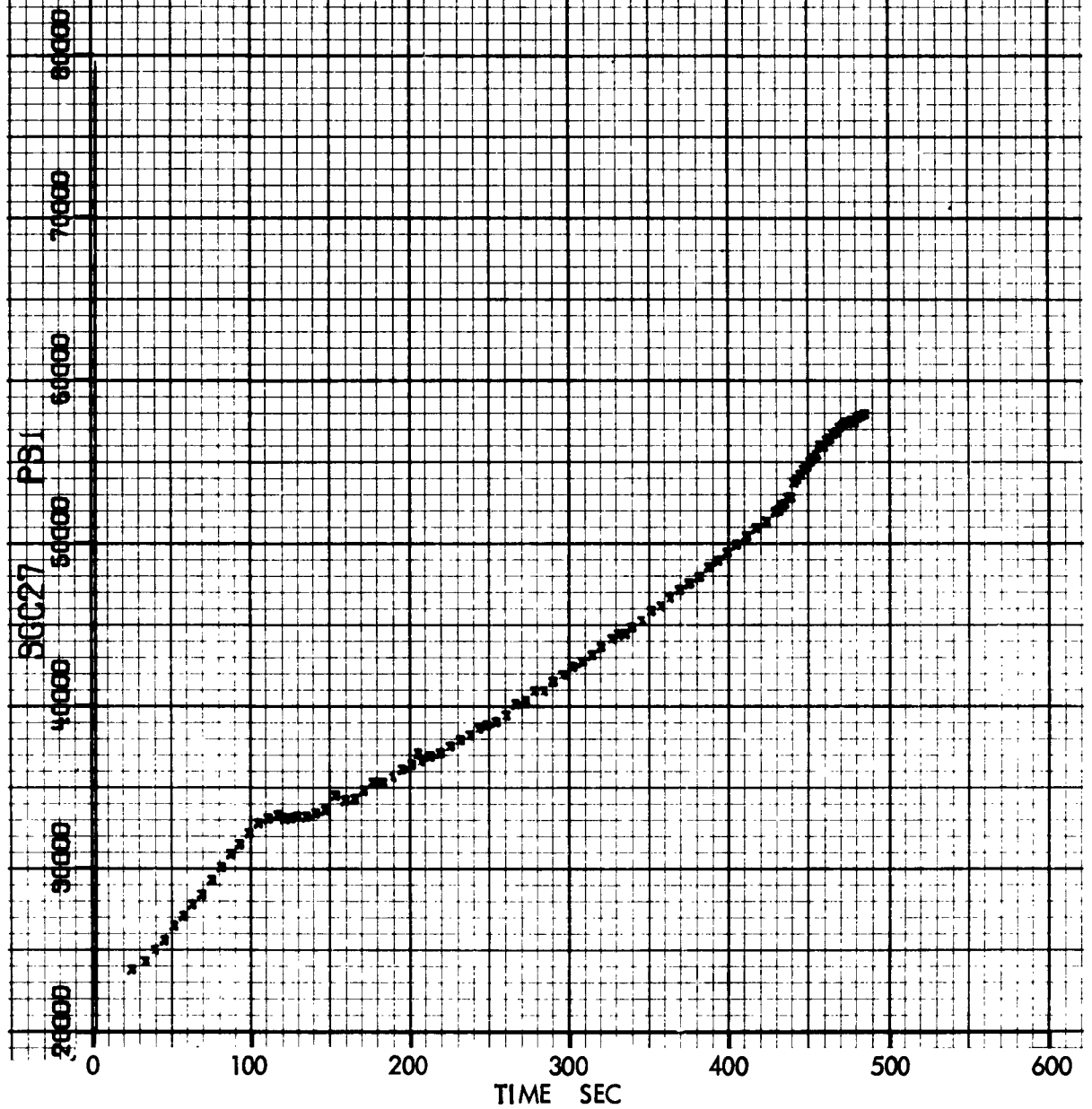
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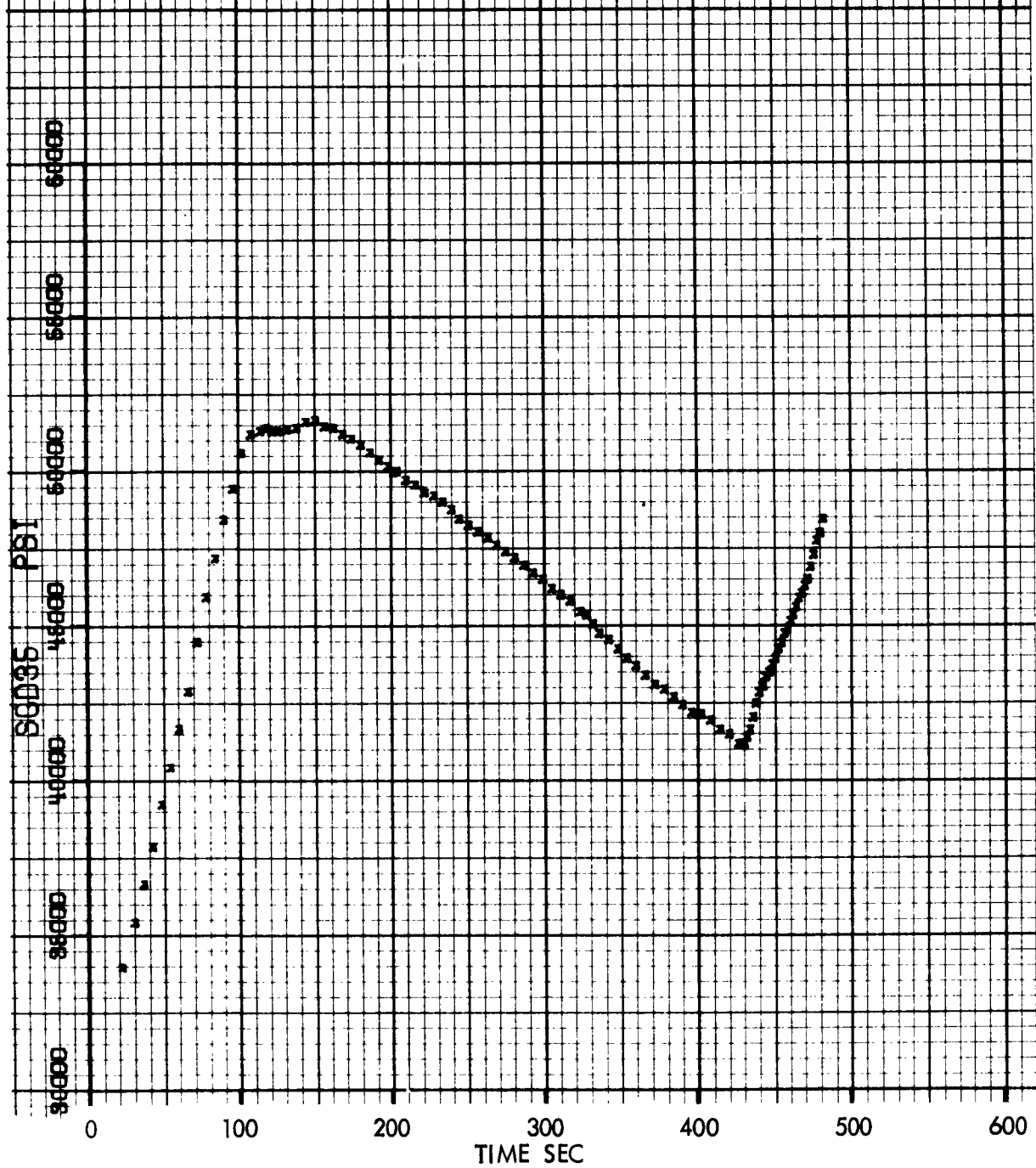
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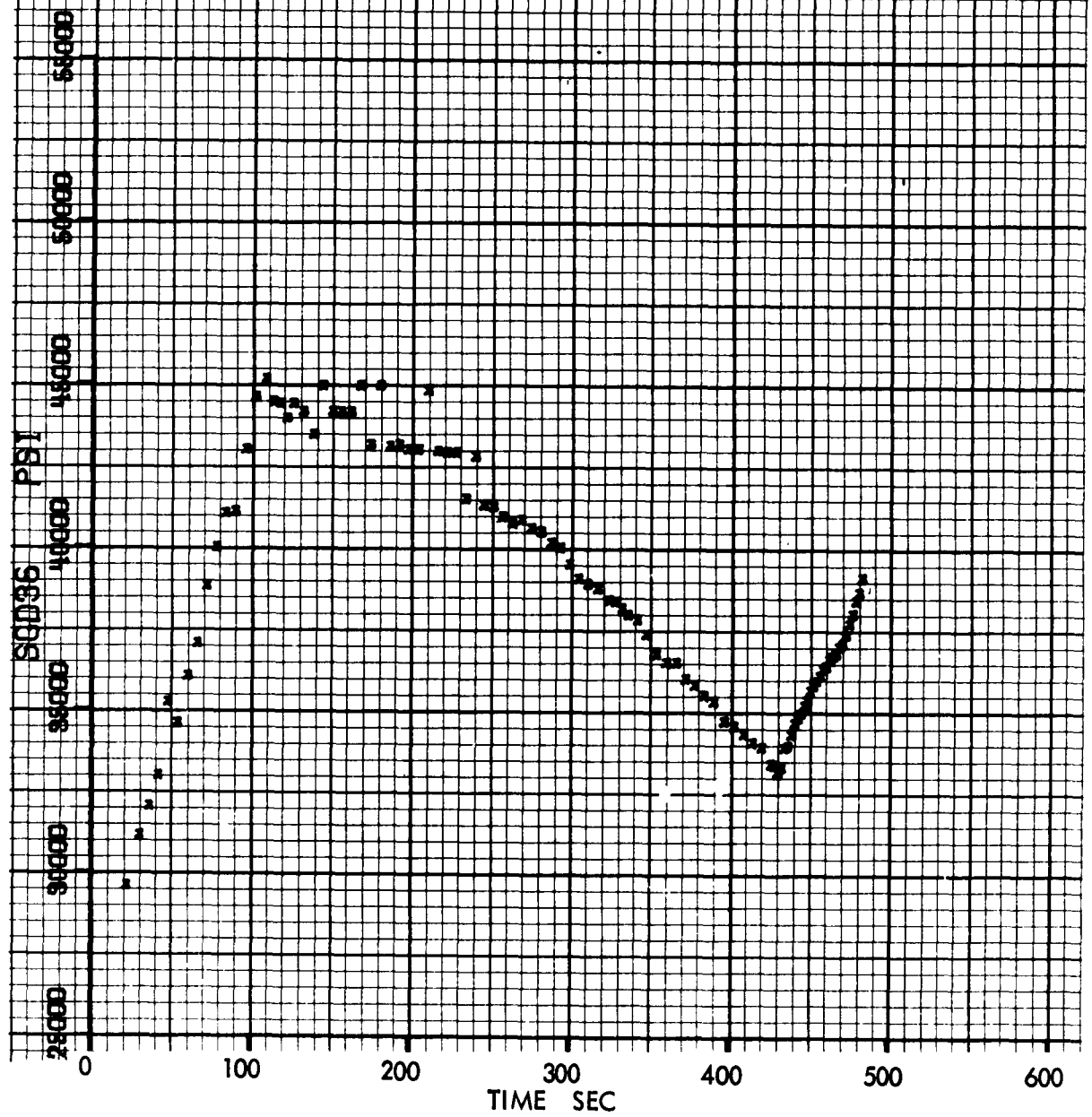
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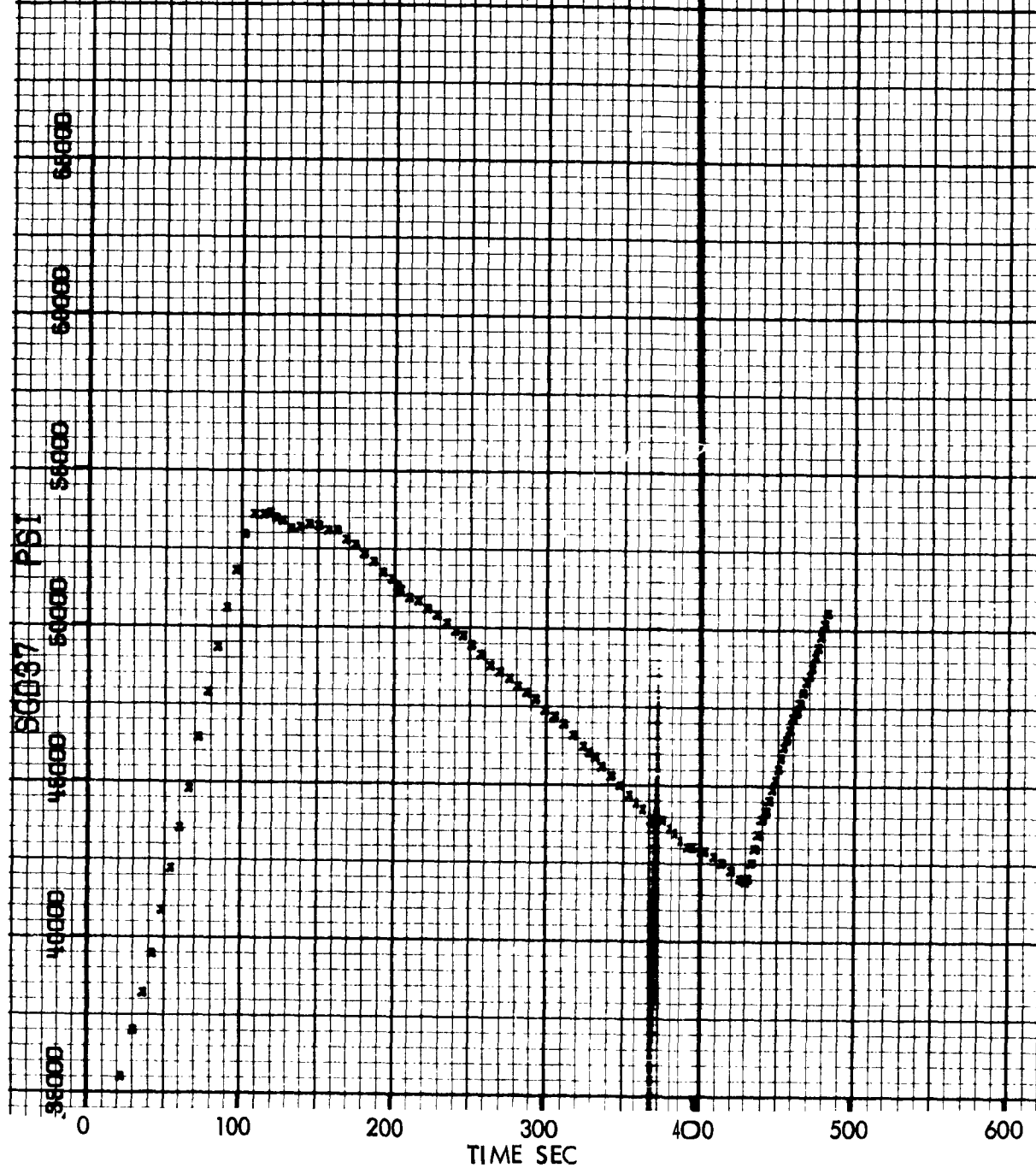
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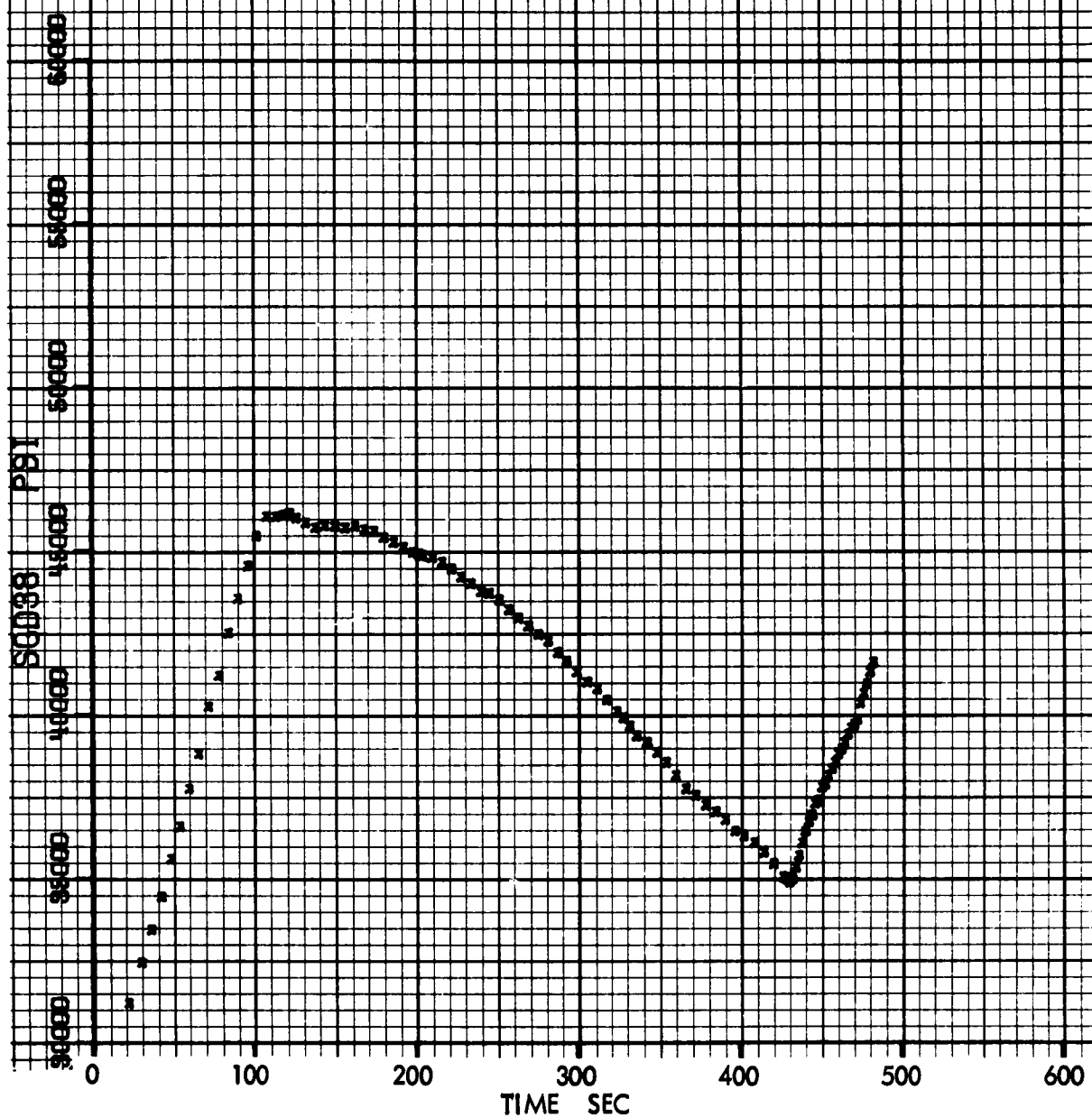
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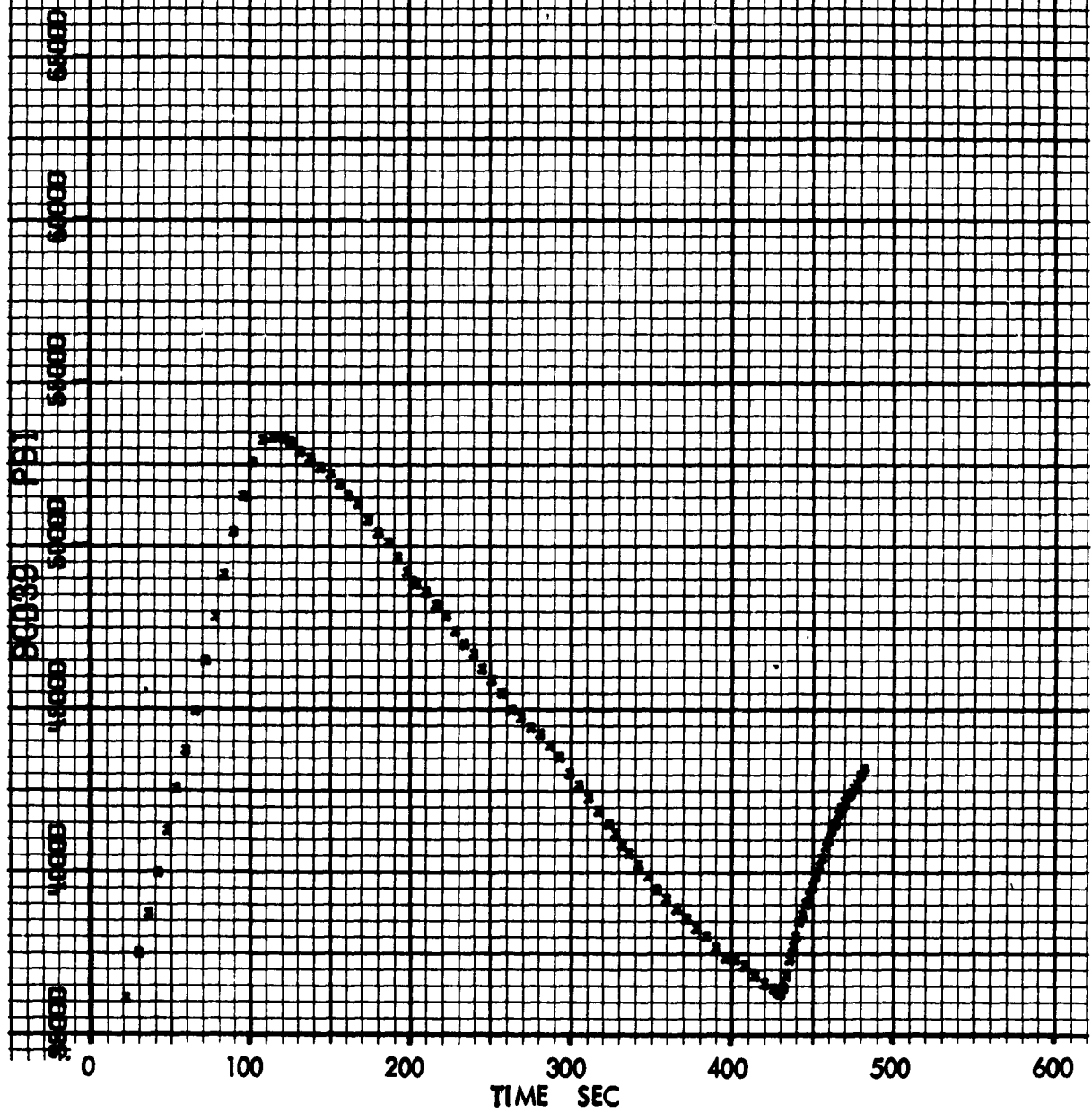
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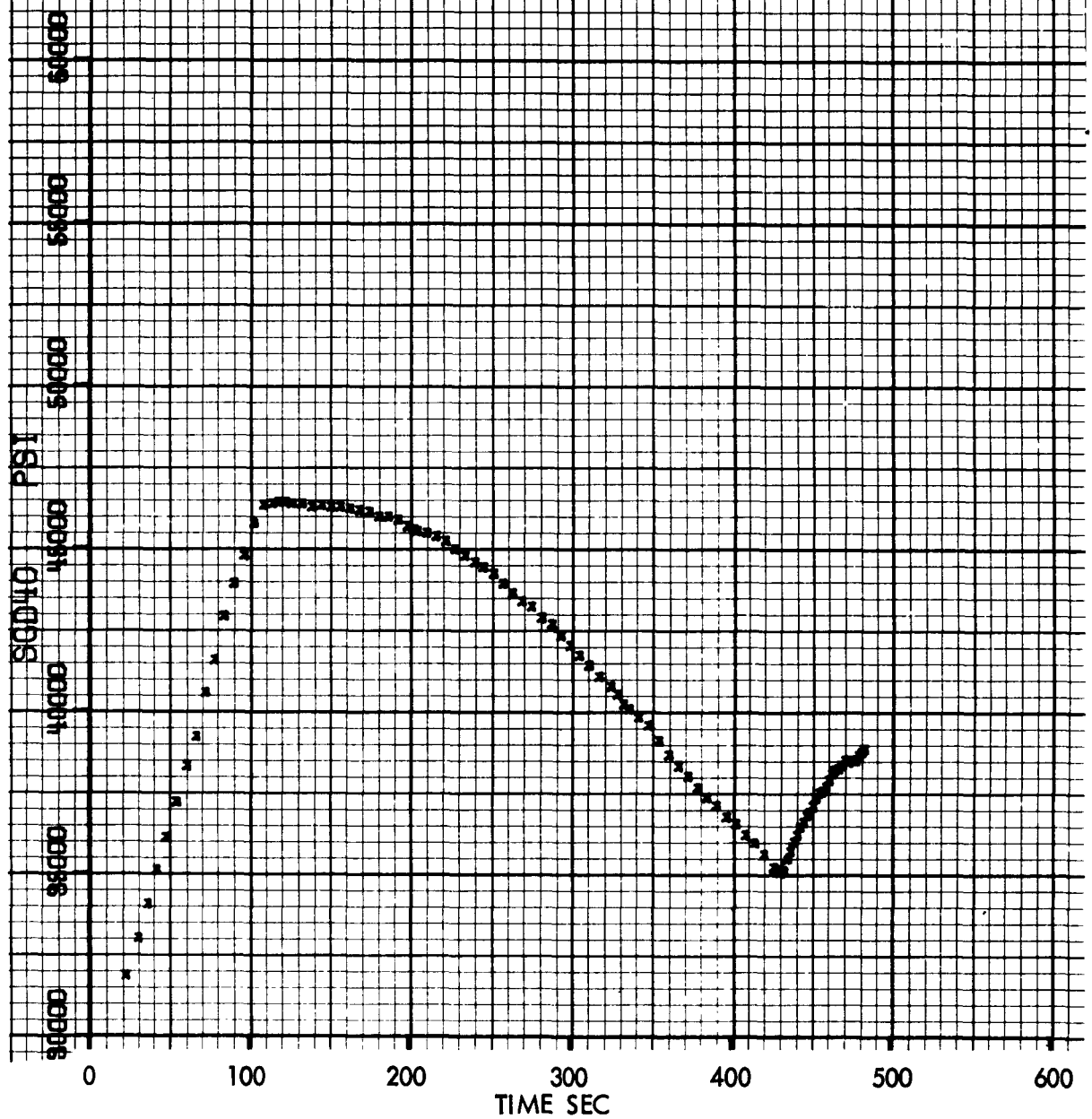
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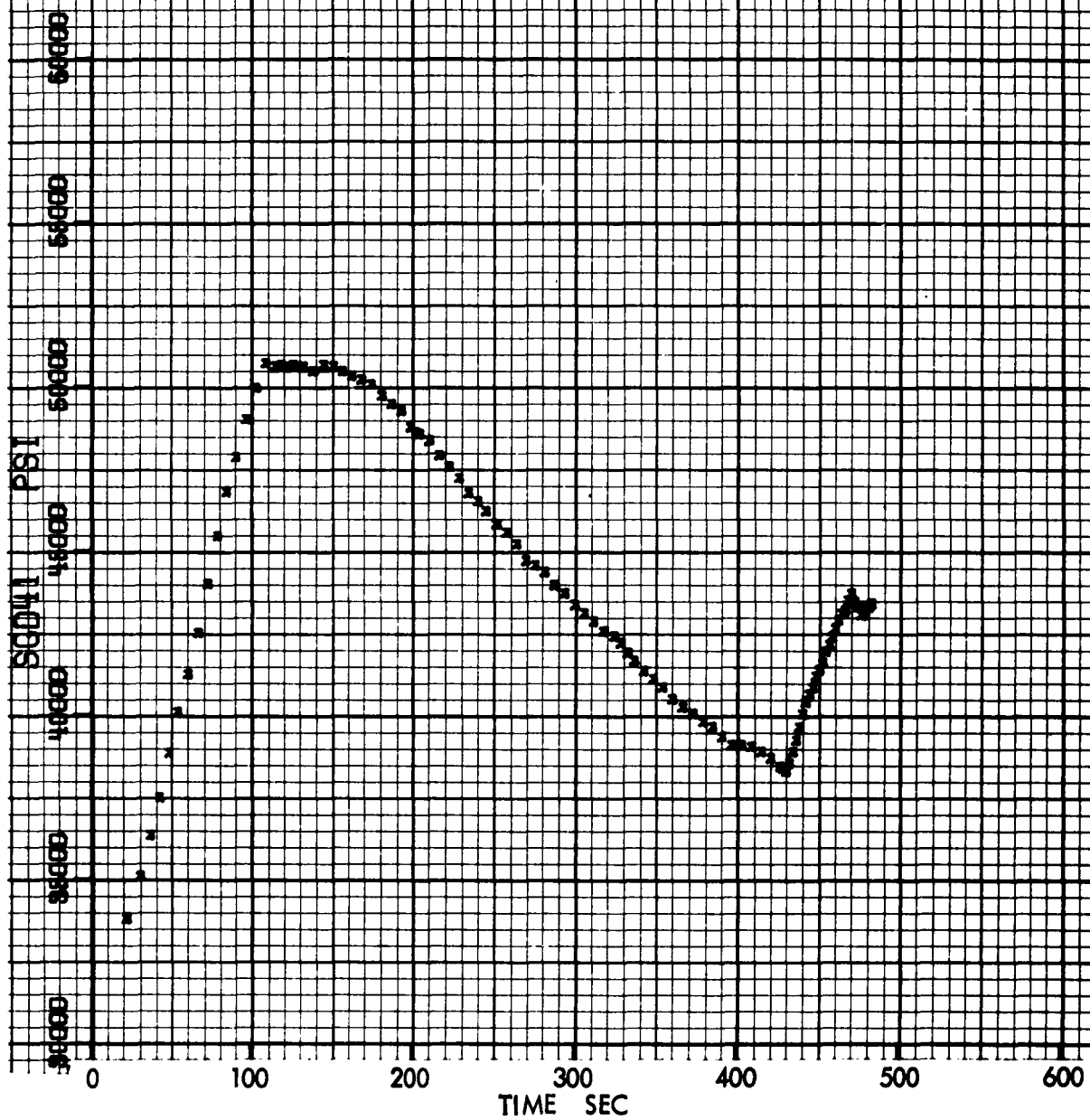
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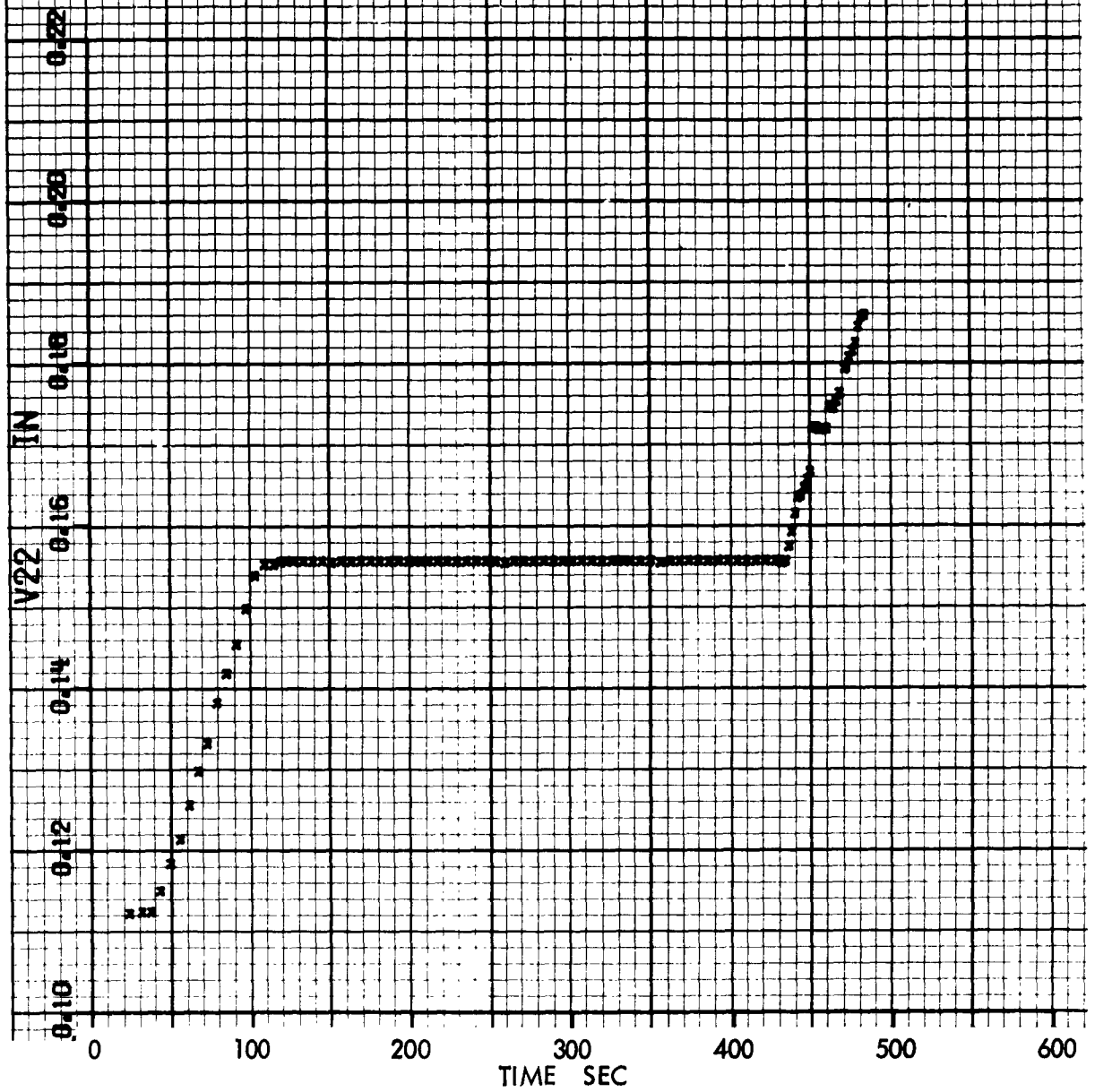
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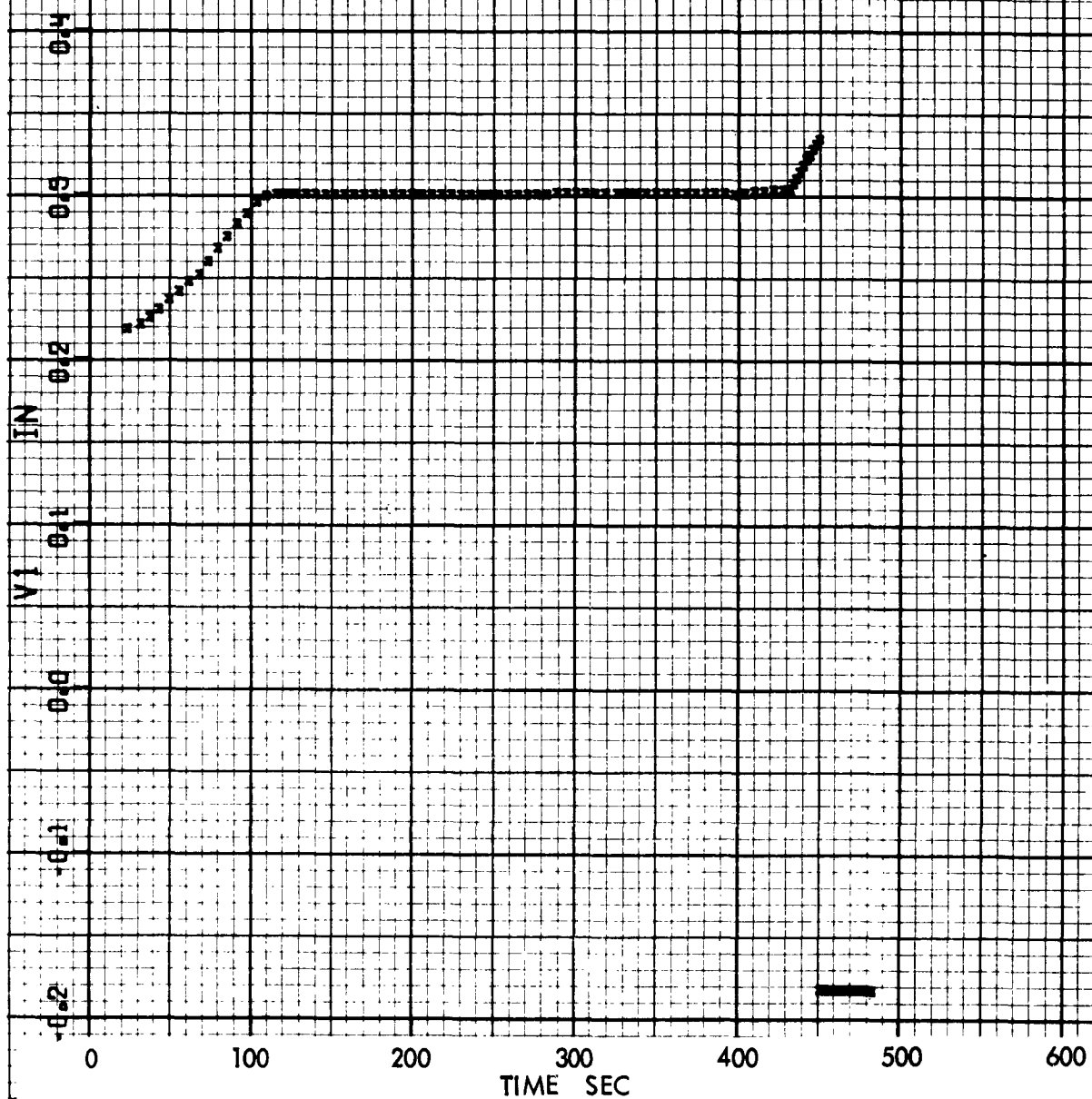
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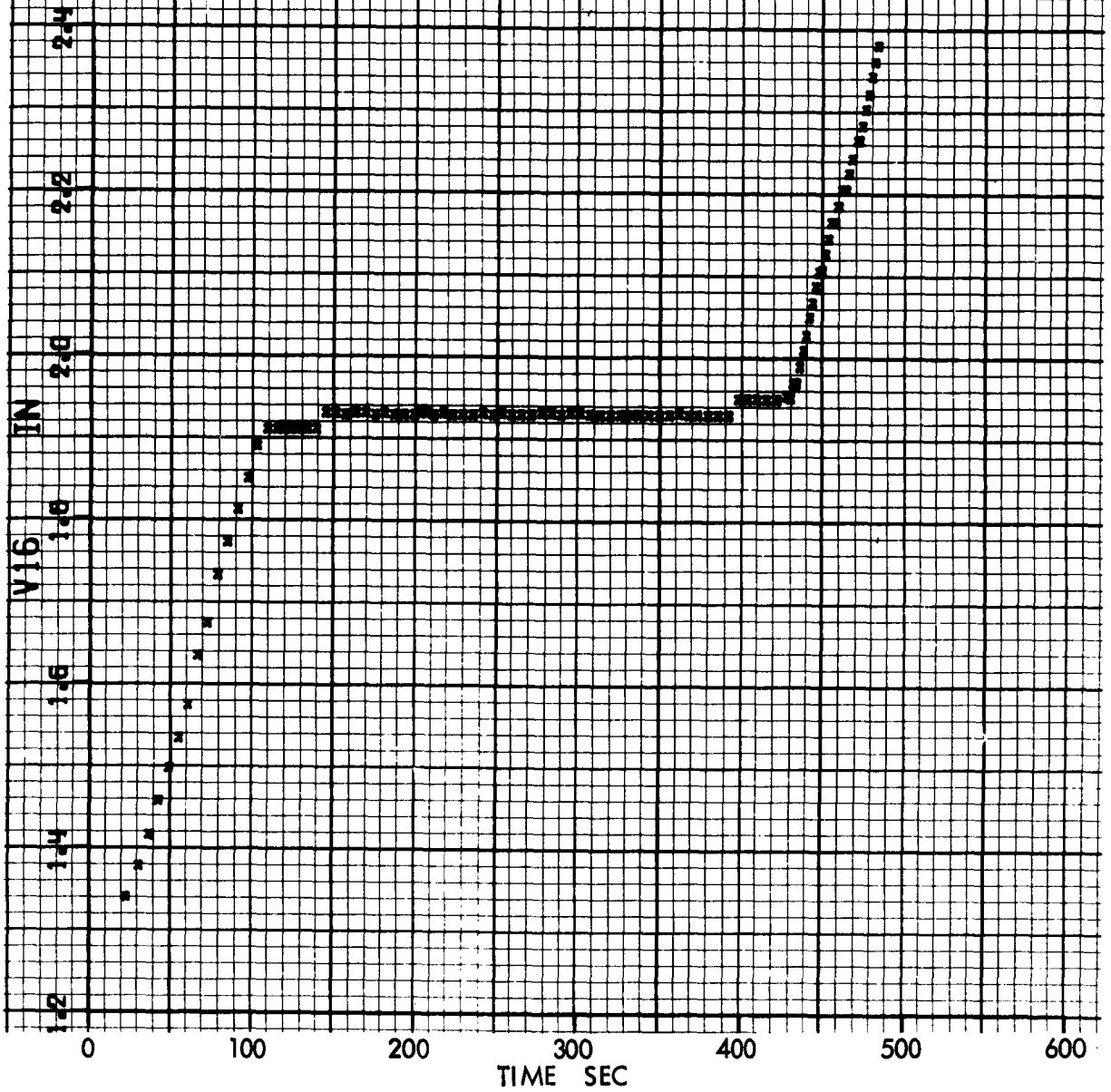
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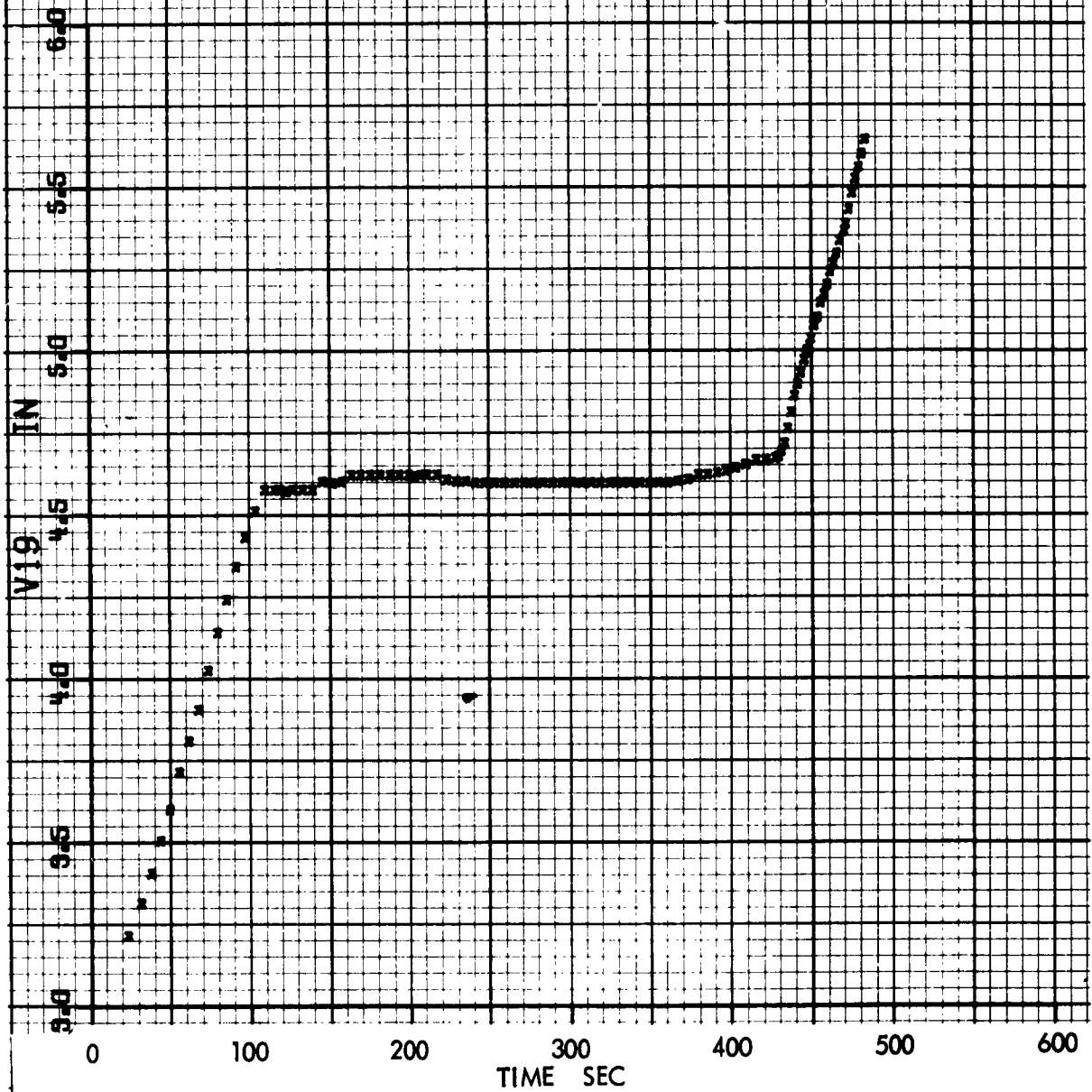
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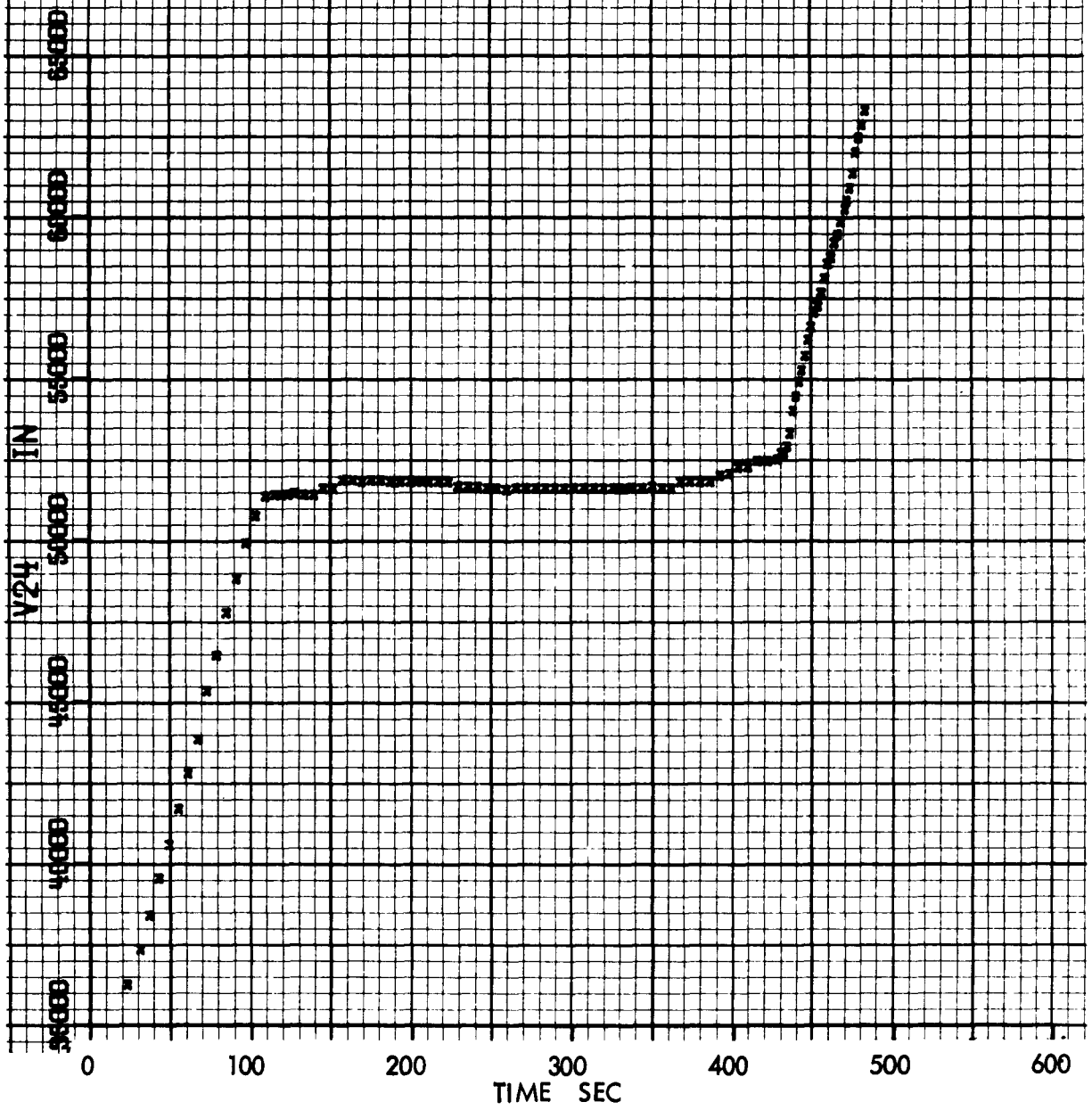
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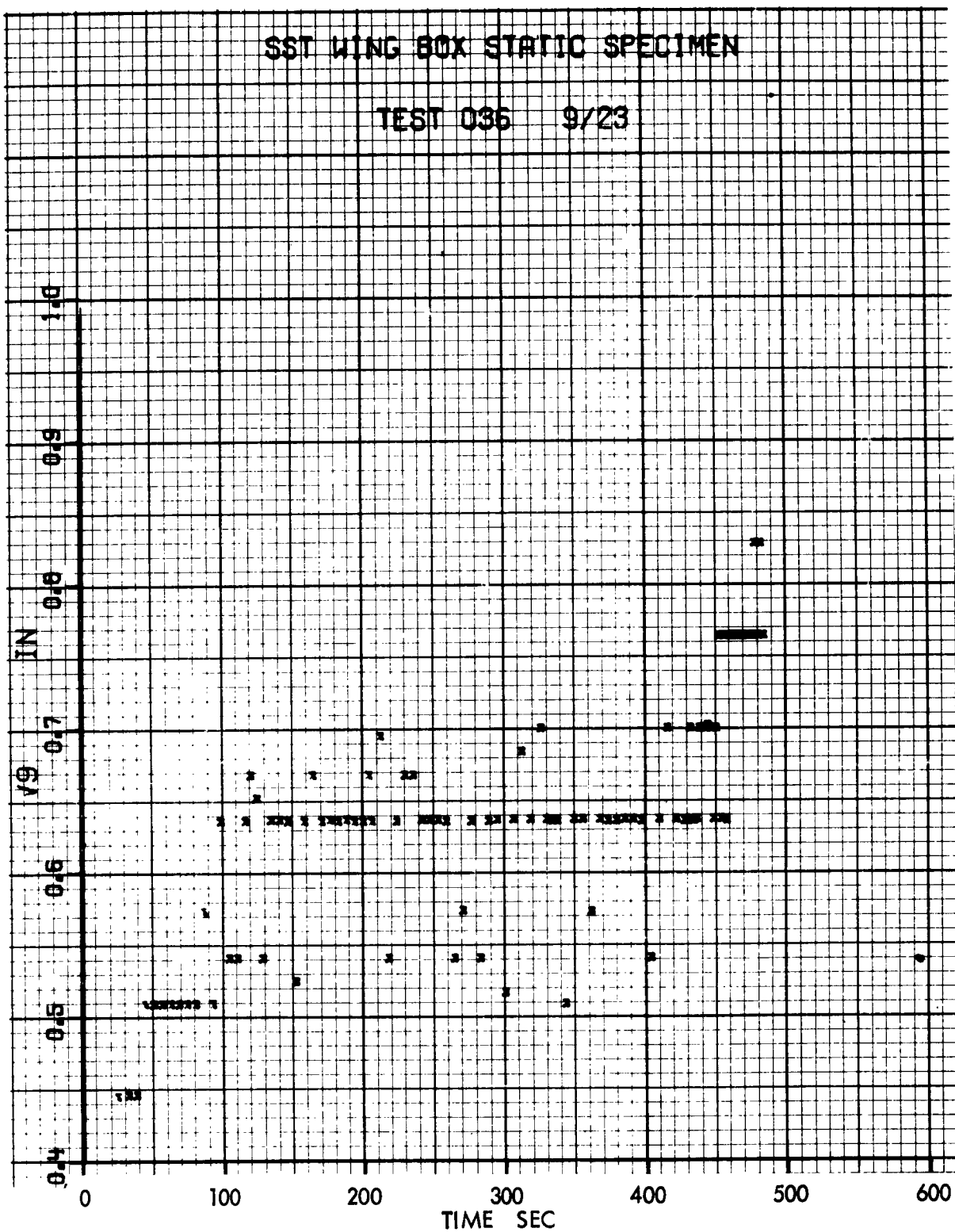
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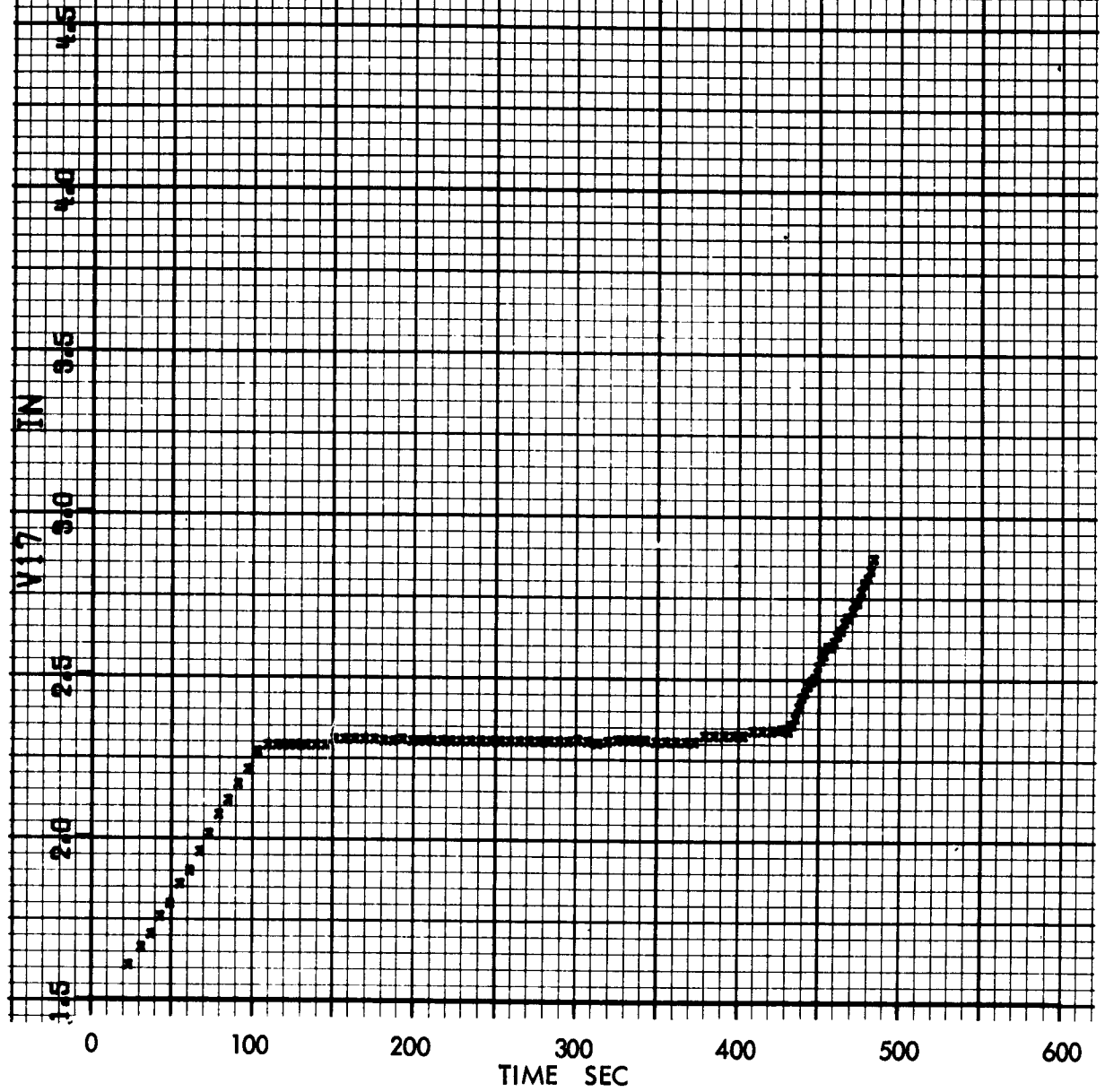
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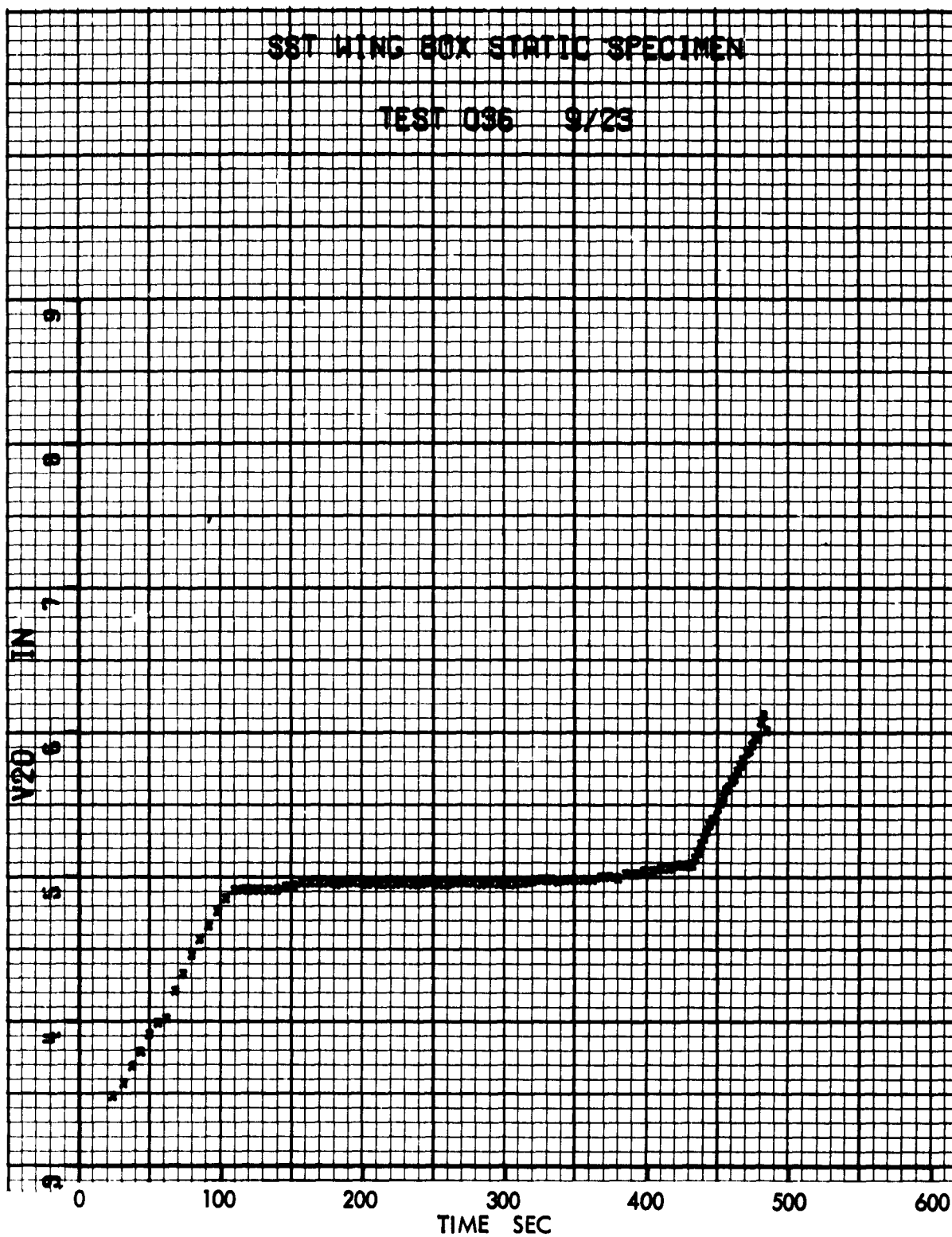
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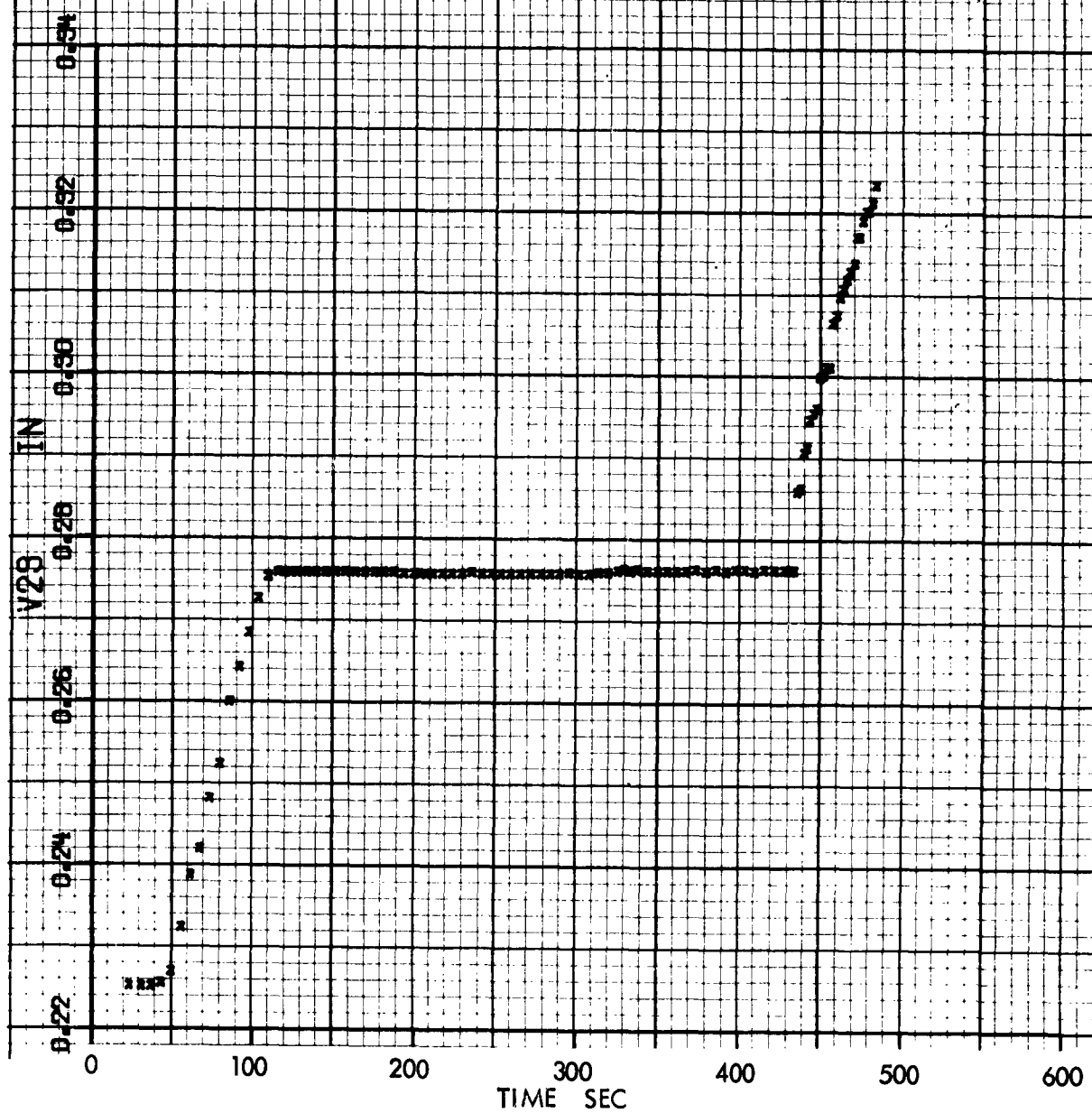
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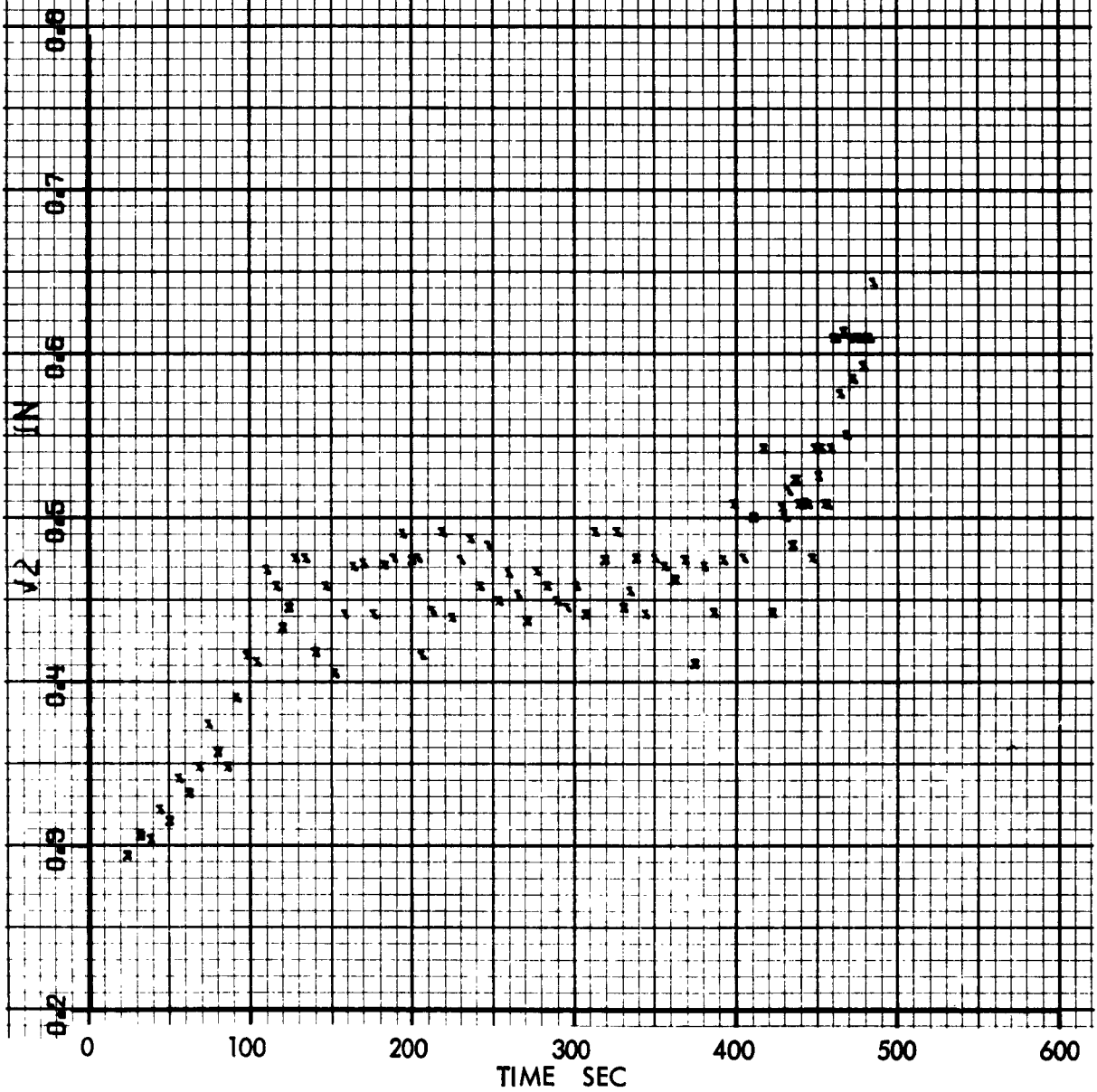
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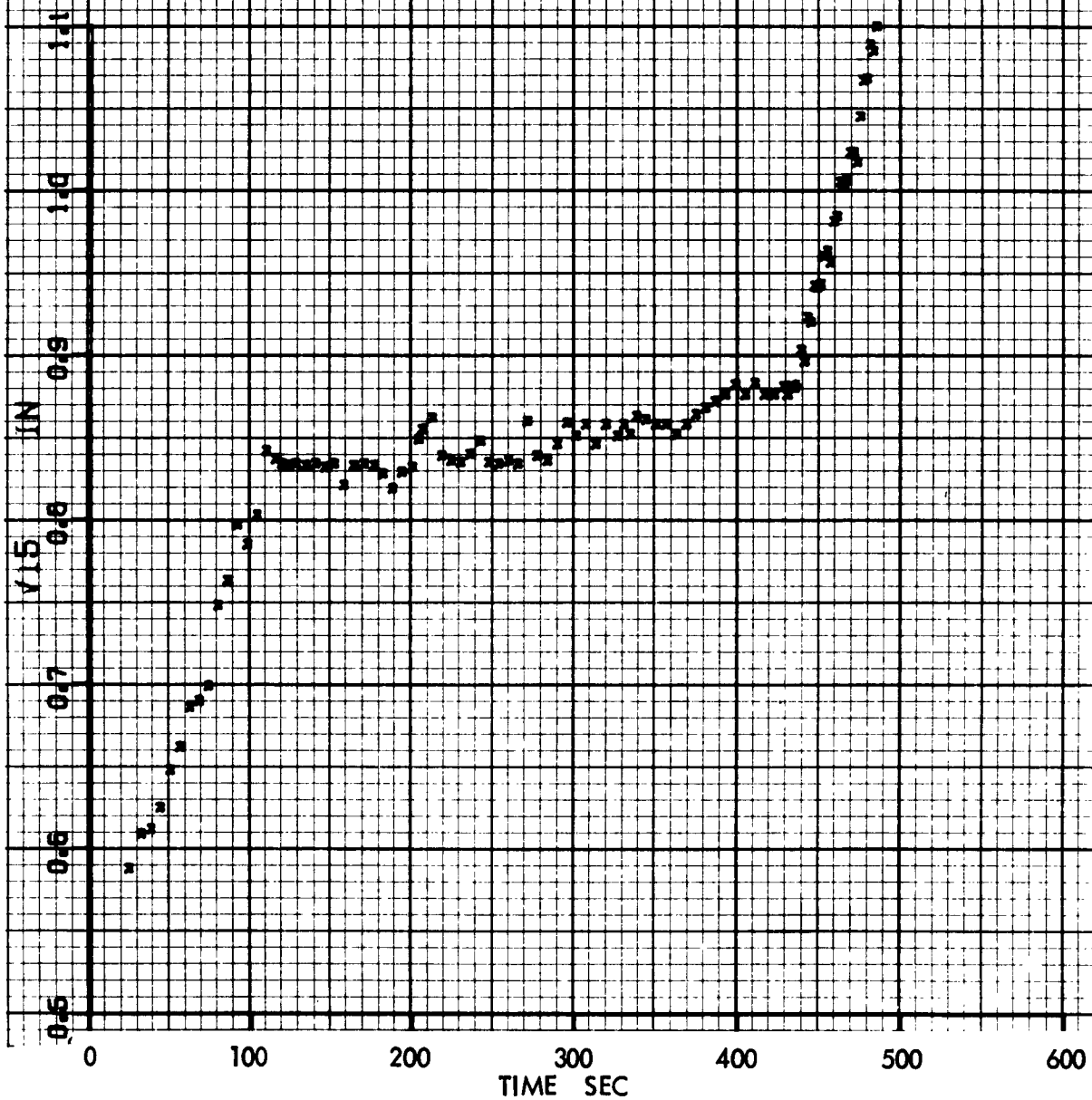
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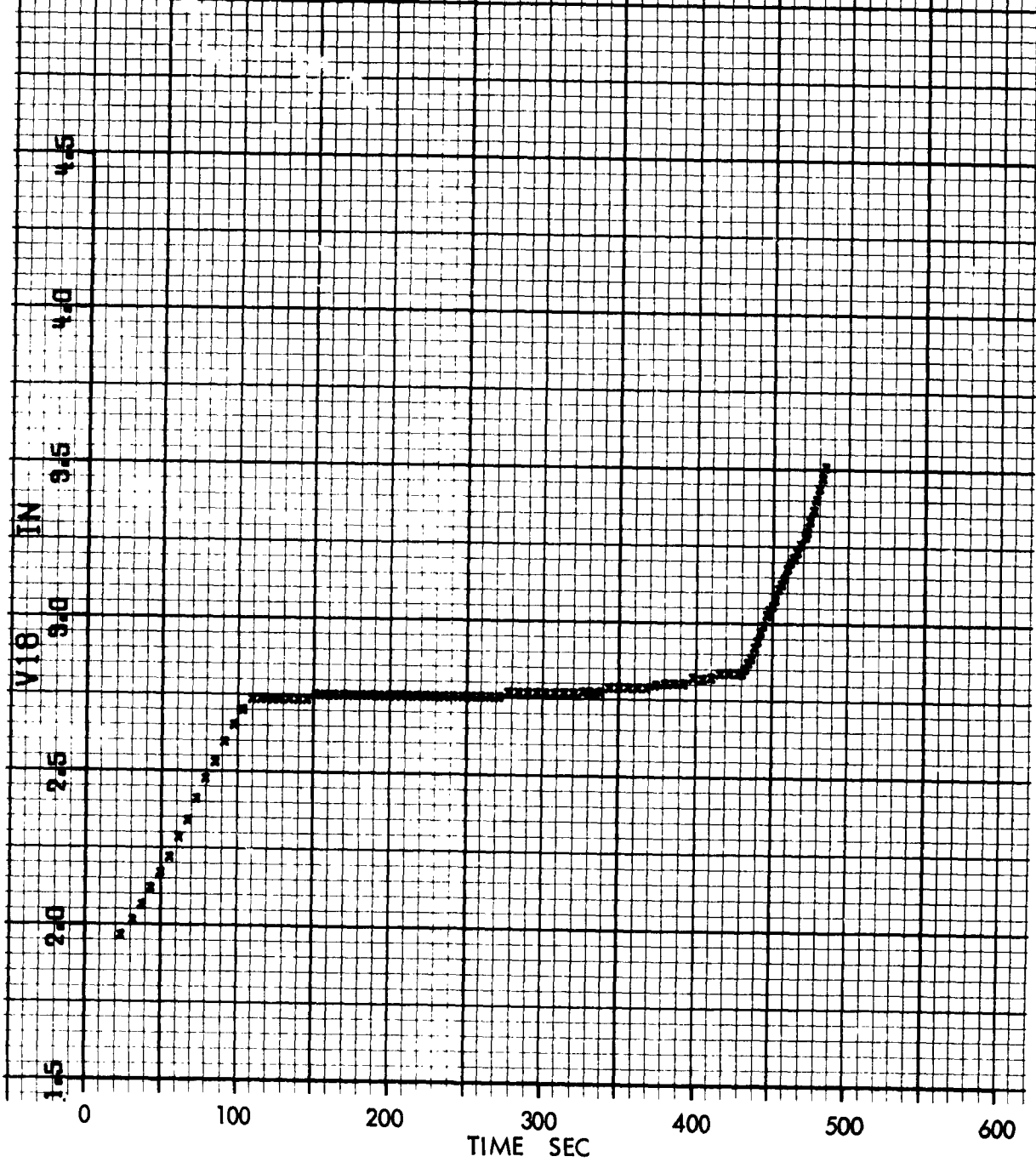
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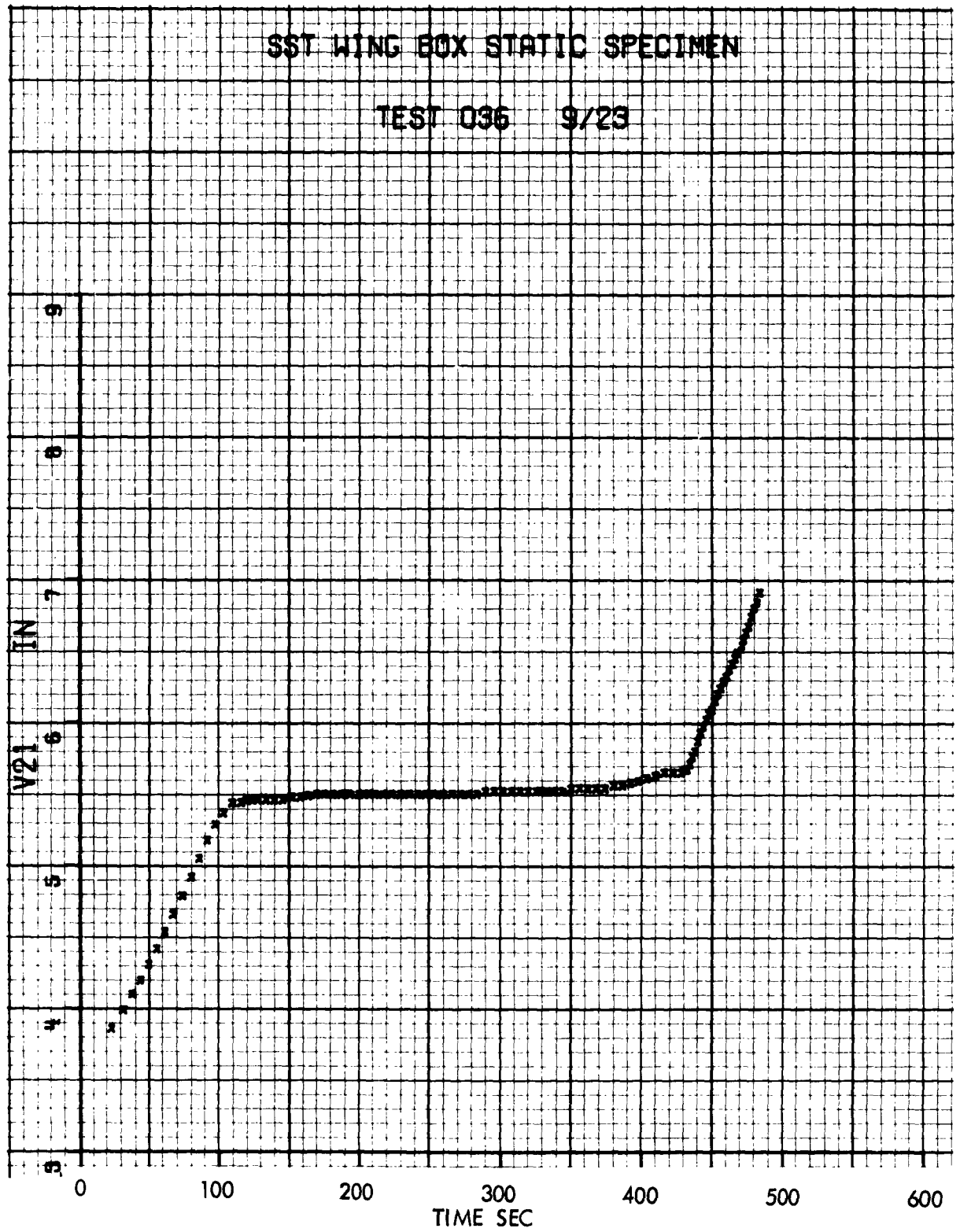
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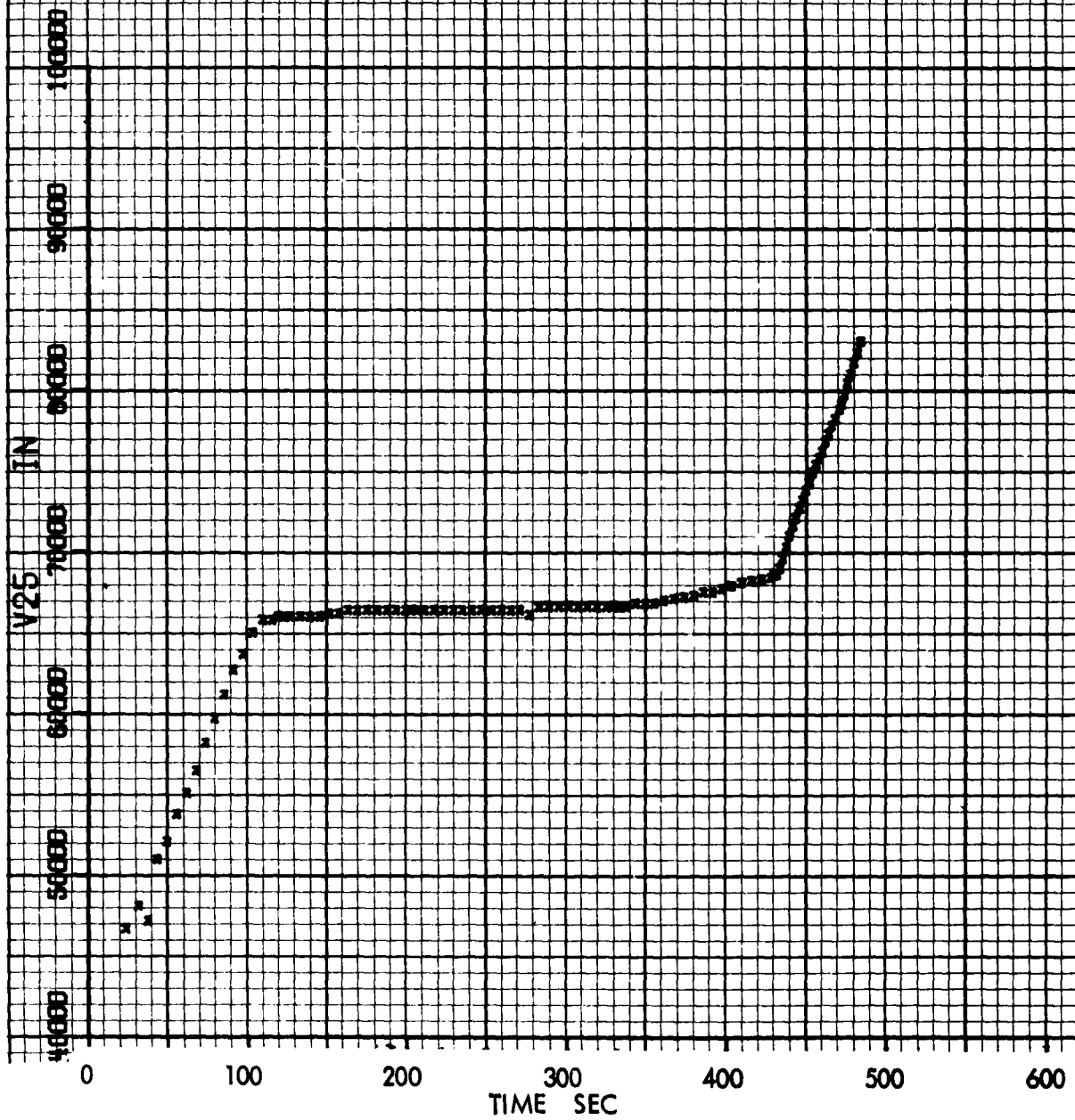
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1. ORIGINATING ACTIVITY (Corporate author) Lockheed-California Company Burbank, California		2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED	
		2b. GROUP	
3. REPORT TITLE Wing Box Fuel Containment Volume IV - Test Results and Evaluation, Book C			
4. DESCRIPTIVE NOTES (Type of report and inclusive dates) Final Report - 1 April 1963 to 30 November 1964			
5. AUTHOR(S) (Last name, first name, initial) Kuka, George J.; Huff, Julius; Contini, Roberto; and Wald, George			
6. REPORT DATE 30 November 1964		7a. TOTAL NO. OF PAGES 363 to 729	7b. NO. OF REFS 0
8a. CONTRACT OR GRANT NO. AF33(657)-11460, Exhibit "A"		9a. ORIGINATOR'S REPORT NUMBER(S) LR 18479	
b. PROJECT NO. 648D			
c.		9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
d.		FDL-TDR-64-140, Vol. IV, Book C	
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13. ABSTRACT  Contained in this volume are the results of static load and elevated temperature fuel containment testing of two (2) wing box structures. A comparison of analytical and experimental results is attempted and results of differences cited.			

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14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
	<p>Wing Box Fuel Tank</p> <p>Supersonic Transport</p> <p>Static Testing</p> <p>Fuel Containment</p> <p>Fatigue Testing</p> <p>Data Correlation</p>					

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